APPENDIX NO. 15

Fuel and Ash Sample Analyses

GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 6-10-92
SAMPLE NO. 164946

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 1P COAL 82 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 5/16/92 1245
DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	16.22%	XXX
VOLATILE MATTER	D3175	32.51%	38.81%
FIXED CARBON	D3172	45.03%	53.75%
ASH	D3174	6.24%	7.44%
SULFUR	D4239 METHOD 3.3	1.42%	1.70%
CARBON	D3178	64.46%	76.94%
HYDROGEN	D3178	3.44%	4.11%
NITROGEN	D3179	1.18%	1.41%
OXYGEN	D3176	7.04%	8.39%
BTU/LB	D2015 D1989	11210	13381
MAF BTU/LB			14457
LBS OF SO2 PER MILLION BTU			2.54
LBS OF SULFUR PER MILLION BTU			1.270
HARDGROVE GRINDABILITY INDEX	D409	41	

COAL ANALYSIS: 1245
TEST 1P
5/16/92.
1245 HR

APPROVED BY

APPROVED BY

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 6-10-92
SAMPLE NO. 164947

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 3P COAL 58 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 5/17/92 1100
DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	16.80%	XXX
VOLATILE MATTER	D3175	32.28%	38.80%
FIXED CARBON	D3172	44.33%	53.28%
ASH	D3174	6.59%	7.92%
SULFUR	D4239 METHOD 3.3	1.39%	1.67%
CARBON	D3178	61.81%	74.29%
HYDROGEN	D3178	4.17%	5.01%
NITROGEN	D3179	1.10%	1.32%
OXYGEN	D3176	8.14%	9.78%
BTU/LB	D2015 D1989	11023	13249
MAF BTU/LB			14389
LBS OF SO2 PER MILLION BTU			2.52
LBS OF SULFUR PER MILLION BTU			1.260
HARDGROVE GRINDABILITY INDEX	D409	38	

COAL ANALYSIS: 58 m
TEST 3P
5/17/92.
1100 HRS

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BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 6-10-92
SAMPLE NO. 164948

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST SP COAL 110 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 5/18/92 1245
DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	16.32%	XXX
VOLATILE MATTER	D3175	32.03%	38.28%
FIXED CARBON	D3172	45.34%	54.18%
ASH	D3174	6.31%	7.54%
SULFUR	D4239 METHOD 3.3	1.32%	1.58%
CARBON	D3178	62.43%	74.61%
HYDROGEN	D3178	4.23%	5.06%
NITROGEN	D3179	1.19%	1.42%
OXYGEN	D3176	8.20%	9.79%
BTU/LB	D2015 D1989	11232	13423
MAF BTU/LB			14519
LBS OF SO2 PER MILLION BTU			2.35
LBS OF SULFUR PER MILLION BTU			1.177
HARDGROVE GRINDABILITY INDEX	D409	37	

COAL ANALYSIS: 110
TEST SP
5/18/92.
1245HRS

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PAGE 1 OF 1
460

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 6-10-92
SAMPLE NO. 164949

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 8P COAL 110 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 5/19/92 1000 DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	16.09%	XXX
VOLATILE MATTER	D3175	31.99%	38.49%
FIXED CARBON	D3172	44.99%	54.13%
ASH	D3174	6.13%	7.38%
SULFUR	D4239 METHOD 3.3	1.36%	1.64%
CARBON	D3178	64.62%	77.79%
HYDROGEN	D3178	3.44%	4.14%
NITROGEN	D3179	1.23%	1.48%
OXYGEN	D3176	6.33%	7.62%
BTU/LB	D2015 D1989	11151	13416
MAF BTU/LB			14485
LBS OF SO2 PER MILLION BTU			2.44
LBS OF SULFUR PER MILLION BTU			1.222
HARDGROVE GRINDABILITY INDEX	D409	45	

COAL ANALYSIS 110MW
TEST 8P
5/19/92.
1000 HRS.

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-12-92
SAMPLE NO. 164950

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 4/13/92 1515-1649
DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	8.73%

FLY ASH.
4/13/92.
1515-1649 HRS.

APPROVED BY [signature]

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BLACK SEAL ANALYSIS

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JUN 15 '92 15:59

608 P02
GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES INC.

DATE: 6-19-92
SAMPLE NO. 164939

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 1P CYCLONE SLAG 82 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 5/16/92 1245
DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.02%

CYCLONE SLAG ANALYSIS 82MW
TEST 1P
5/16/92
1245 HRS.

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PAGE 1 OF 1

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-15-92
SAMPLE NO. 164940

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 2P CYCLONE SLAG 58 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 5/16/92 1800 DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.03%

CYCLONE SLAG ANALYSIS
58 MW
TEST 2P
5/16/92.
1800 HRS.

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PAGE 1 OF 1

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P. O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES INC.

DATE: 6-15-92
SAMPLE NO. 164941

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 3P CYCLONE SLAG 58 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER
DATE SAMPLED: 5/17/92 1100 DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:
OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.01%

CYCLONE SLAG ANALYSIS. 58 MW

TEST 3P, 5/17/92. 1100 HRS.

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PAGE 1 OF 1

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES INC.

DATE: 6-15-92
SAMPLE NO. 164942

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 4P CYCLONE SLAG 58 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 5/17/92 DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.01%

CYCLONE SLAG ANALYSIS. 58 MW

TEST 4P 5/17/92.

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BLACK SEAL ANALYSIS

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JUN 15 '92 16:05

610 P02

GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES INC.

DATE: 6-15-92
SAMPLE NO. 164943

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 5P CYCLONE SLAG 110 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 5/18/92 1245 DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.01%

Cyclone Slag Analysis. 110 MW.
TEST 5P
5/18/92.
1245 HRS.

APPROVED BY

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PAGE 1 OF 1

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-12-92
SAMPLE NO. 164944

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 8P CYCLONE SLAG 110 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 5/19/92 1000 DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D31/8	.51%

CYCLONE SLAG ANALYSIS 110 MW.
TEST
8P
5/19/92.
1000 HRS.

APPROVED BY Tom Pokey

APPROVED BY Robert Shuba

BLACK SEAL ANALYSIS

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JUN 15 '92 16:05

610 P03
GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES INC.

DATE: 6-15-92
SAMPLE NO. 164945

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 9P CYCLONE SLAG 82 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 5/19/92
DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.02%

CYCLONE SLAG ANALYSIS. 82MW.

TEST 9P 5/19/92.

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PAGE 1 OF 1

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 10-23-92
SAMPLE NO. 181553

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL F1 110 MW WITH REBURN

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE FEEDERS

DATE SAMPLED: 9/28/92 1145 HRS
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	17.66%	XXX
VOLATILE MATTER	D3175	31.55%	38.32%
FIXED CARBON	D3172	44.14%	53.61%
ASH	D3174	6.65%	8.07%
SULFUR	D4239 METHOD 3.3	1.41%	1.71%
CARBON	D3178	60.51%	73.48%
HYDROGEN	D3178	4.18%	5.07%
NITROGEN	D3179	1.12%	1.36%
OXYGEN	D3176	8.47%	10.31%
BTU/LB	D2015 D1989	10928	13271
MAF BTU/LB			14437
LBS OF SO2 PER MILLION BTU			2.57
LBS OF SULFUR PER MILLION BTU			1.289
HARDGROVE GRINDABILITY INDEX D409		40	

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BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 10-23-92
SAMPLE NO. 181994

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL F4 78 MW BASELINE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE FEEDERS

DATE SAMPLED: 9/29/92
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	17.24%	XXX
VOLATILE MATTER	D3175	32.15%	38.84%
FIXED CARBON	D3172	41.13%	53.33%
ASH	D3174	6.48%	7.83%
SULFUR	D4239 METHOD 3.3	1.36%	1.64%
CARBON	D3178	61.23%	73.98%
HYDROGEN	D3178	3.93%	4.74%
NITROGEN	D3179	1.12%	1.35%
OXYGEN	D3176	8.64%	10.45%
BTU/LB	D2015 D1989	10996	13287
MAF BTU/LB			14416
LBS OF SO2 PER MILLION BTU			2.47
LBS OF SULFUR PER MILLION BTU			1.234
HARDGROVE GRINDABILITY INDEX D409		49	

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APPROVED BY _____

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 10-23-92
SAMPLE NO. 181555

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL F6 53 MW BASELINE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE FEEDERS

DATE SAMPLED: 9/30/92 1310 HRS
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	17.46%	XXX
VOLATILE MATTER	D3175	32.46%	39.33%
FIXED CARBON	D3172	43.68%	52.92%
ASH	D3174	6.40%	7.75%
SULFUR	D4239 METHOD 3.3	1.37%	1.66%
CARBON	D3178	61.22%	74.17%
HYDROGEN	D3178	4.27%	5.18%
NITROGEN	D3179	1.08%	1.31%
OXYGEN	D3176	8.20%	9.93%
BTU/LB	D2015 D1989	11003	13330
MAF BTU/LB			14451
LBS OF SO2 PER MILLION BTU			2.49
LBS OF SULFUR PER MILLION BTU			1.245
HARDGROVE GRINDABILITY INDEX	D409	41	

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444

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 10-23-92
SAMPLE NO. 181556

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL F9 54 MW BASELINE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE FEEDERS

DATE SAMPLED: 10/1/92 0000 HRS
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	17.14%	XXX
VOLATILE MATTER	D3175	32.55%	39.28%
FIXED CARBON	D3172	44.39%	53.56%
ASH	D3174	5.93%	7.16%
SULFUR	D4239 METHOD 3.3	1.38%	1.67%
CARBON	D3178	62.17%	75.03%
HYDROGEN	D3178	4.28%	5.17%
NITROGEN	D3179	1.17%	1.41%
OXYGEN	D3176	7.93%	9.56%
BTU/LB	D2015 D1989	11173	13484
MAF BTU/LB			14523
LBS OF SO2 PER MILLION BTU			2.47
LBS OF SULFUR PER MILLION BTU			1.239
HARDGROVE GRINDABILITY INDEX	D409	38	

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PAGE 1 OF 1
416

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 10-23-92
SAMPLE NO. 181557

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL F10 B2 MW W/REBURN

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE FEEDERS

DATE SAMPLED: 10/2/92 0315 HRS
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	18.33%	XXX
VOLATILE MATTER	D3175	32.00%	39.18%
FIXED CARBON	D3172	43.95%	53.82%
ASH	D3174	5.72%	7.00%
SULFUR	D4239 METHOD 3.3	1.25%	1.53%
CARBON	D3178	61.12%	74.84%
HYDROGEN	D3178	4.10%	5.02%
NITROGEN	D3179	1.05%	1.28%
OXYGEN	D3176	8.43%	10.33%
BTU/LB	D2015 D1989	10948	13405
MAF BTU/LB			14414
LBS OF SO2 PER MILLION BTU			2.28
LBS OF SULFUR PER MILLION BTU			1.141
HARDGROVE GRINDABILITY INDEX	D409	39	

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APPROVED BY RAK

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494

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 10-23-92
SAMPLE NO. 181558

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL F11 BASELINE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE FEEDERS

DATE SAMPLED: 10/3/92
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	16.94%	XXX
VOLATILE MATTER	D3175	32.27%	38.85%
FIXED CARBON	D3172	44.43%	53.50%
ASH	D3174	6.36%	7.65%
SULFUR	D4239 METHOD 3.3	1.42%	1.71%
CARBON	D3178	61.58%	74.14%
HYDROGEN	D3178	4.14%	4.99%
NITROGEN	D3179	1.13%	1.36%
OXYGEN	D3176	8.43%	10.15%
BTU/LB	D2015 D1989	11111	13376
MAF BTU/LB			14484
LBS OF SO2 PER MILLION BTU			2.55
LBS OF SULFUR PER MILLION BTU			1.278
HARDGROVE GRINDABILITY INDEX	D409	39	

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APPROVED BY RCCKL

PAGE 1 OF 1
423

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 10-23-92
SAMPLE NO. 181559

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL F15 58 MW W/REBURN

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE FEEDERS

DATE SAMPLED: 10/4/92
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	17.37%	XXX
VOLATILE MATTER	D3175	32.19%	38.96%
FIXED CARBON	D3172	43.90%	53.12%
ASH	D3174	6.54%	7.92%
SULFUR	D4239 METHOD 3.3	1.42%	1.72%
CARBON	D3178	61.65%	74.61%
HYDROGEN	D3178	4.29%	5.19%
NITROGEN	D3179	1.10%	1.34%
OXYGEN	D3176	7.63%	9.22%
BTU/LB	D2015 D1989	11066	13393
MAF BTU/LB			14545
LBS OF SO2 PER MILLION BTU			2.57
LBS OF SULFUR PER MILLION BTU			1.284
HARDGROVE GRINDABILITY INDEX D409		41	

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JIM RIGGS

GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 191531

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F1 110 MW WITH REBURN

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SL40

DATE SAMPLED: 9/28/92 1145 HRS

DATE RECEIVED: 10/21/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	1.09%

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CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181532

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG 2F 77 MW BASELINE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG

DATE SAMPLED: 9/28/92 1600 HRS

DATE RECEIVED: 10/21/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.77%

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CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181533

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F3 110 MW WITH REBURN

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG
DATE SAMPLED: 9/28/92 2045 HRS
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:
OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.07%

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GOULD ENERGY DIVISION
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STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181534

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F4 78 MW BASELINE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG
DATE SAMPLED: 9/29/92
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:
OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.04%

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CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181535

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F5 110 MW W/REBURN

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG

DATE SAMPLED: 9/29/92
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.02%

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CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181936

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F6 93 MW BASELINE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG
DATE SAMPLED: 9/30/92
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:
OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.12%

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CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181537

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F7 B2 MW W/REBURN

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG
DATE SAMPLED: 9/30/92 1800 HRS
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:
OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.02%

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CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181538

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG FS S2 MW W/REBURN

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG

DATE SAMPLED: 9/30/92 2100 HRS

DATE RECEIVED: 10/21/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.02%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181539

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F9 B4 MW BASELINE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG
DATE SAMPLED: 10/1/92 0000 HRS
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:
OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.02%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181540

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F10 S2 MW W/REBURN

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG
DATE SAMPLED: 10/2/92 0345 HRS
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:
OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.01%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 151541

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F14 3B MW W/O REBURN BASELINE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG
DATE SAMPLED: 10/3/92 2300 HRS
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:
OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.01%

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GOULD ENERGY DIVISION
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CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181543

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F17 1 CYCLONE OPERATION @ 38 MW W/REBURN

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG
DATE SAMPLED: 10/9/92 0145 HRS
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:
OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.01%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181542

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F15 98 MW W/REBURN

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG

DATE SAMPLED: 10/4/92 0230 HRS

DATE RECEIVED: 10/21/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.02%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630
STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181944

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F18 58 MW W/REBURN HIGH XS AIR

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG
DATE SAMPLED: 10/5/92
DATE RECEIVED: 10/21/92
WEATHER:
GROSS WEIGHT:
OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.01%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 10-22-92
SAMPLE NO. 181545

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG F19 110 MW BASELINE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE SLAG

DATE SAMPLED: 10/5/92 2300 HRS

DATE RECEIVED: 10/21/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT CO. D.O.E. PROJECT

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.01%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 12-15-92
SAMPLE NO. 187545

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: 10W 1418-1457 B2MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/30/92
DATE RECEIVED: 12/08/92
WEATHER:
GROSS WEIGHT:

OTHER ID: PRECIPITATOR INLET

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	7.24%

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SOULB ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 12- 9-92
SAMPLE NO. 187546

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: 11W 1637-1708 82MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/30/92

DATE RECEIVED: 12/08/92

WEATHER:
GROSS WEIGHT:

OTHER ID: PRECIPITATOR INLET

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	4.18%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 12- 9-92
SAMPLE NO. 187547

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: 12W 0912-0950 110MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 12/01/92
DATE RECEIVED: 12/08/92
WEATHER:
GROSS WEIGHT:

OTHER ID: PRECIPITATOR INLET

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	6.08%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 12- 9-92
SAMPLE NO. 187548

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: 13W 1145-1230 110MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 12/01/92
DATE RECEIVED: 12/08/92
WEATHER:
GROSS WEIGHT:

OTHER ID: PRECIPITATOR INLET

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	2.68%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 12- 9-92
SAMPLE NO. 187549

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: 14W 1505-1527 52MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 12/01/92

DATE RECEIVED: 12/08/92

WEATHER:
GROSS WEIGHT:

OTHER ID: PRECIPITATOR INLET

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	4.14%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 12- 9-92
SAMPLE NO. 187550

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: 16W 1112-1152 110MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 12/02/92

DATE RECEIVED: 12/08/92

WEATHER:
GROSS WEIGHT:

OTHER ID: PRECIPITATOR INLET

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	11.24%

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P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 12- 9-92
SAMPLE NO. 187551

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: 17W 1412-1509 110 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 12/02/92
DATE RECEIVED: 12/08/92
WEATHER:
GROSS WEIGHT:

OTHER ID: PRECIPITATOR INLET

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	11.64%

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GOULD ENERGY DIVISION
P.O.BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES,INC.

DATE: 12- 9-92
SAMPLE NO. 187552

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: 23W 1135-1229 117 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 12/04/92
WEATHER:
GROSS WEIGHT:

DATE RECEIVED: 12/08/92

OTHER ID: PRECIPITATOR INLET

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	11.15%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 12- 9-92
SAMPLE NO. 187553

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: 24W 1457-1516 LOW LOAD

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 12/04/92
DATE RECEIVED: 12/08/92
WEATHER:
GROSS WEIGHT:

OTHER ID: PRECIPITATOR INLET

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	20.74%

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BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-27-92
SAMPLE NO. 186290

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH 1 W PRECIPITATOR IN.

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/16/92 1100-1219
DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED	110 MW NO BW
CARBON	D3178	3.30%	

APPROVED BY _____

APPROVED BY _____

PAGE 1 OF 1

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES INC.

DATE: 11-27-92
SAMPLE NO. 186291

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH 2 W PRECIPITATOR IN.

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/16/92 1527-1621

DATE RECEIVED: 11/25/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	2.65%

78 mw NO RBN

APPROVED BY J. pt.

APPROVED BY [illegible]

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BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES INC.

DATE: 11-27-92
SAMPLE NO. 186292

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH 3 W PRECIPITATOR IN.

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/17/92 1145-1240 DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED	
CARBON	D3178	4.15%	110 W/RBN

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PAGE 1 OF 1

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-30-92
SAMPLE NO. 186293

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH 4 W PRECIPITATOR IN.

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/19/92 0900-0934
DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	16.68%

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BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-30-92
SAMPLE NO. 186294

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH 5 W PRECIPITATOR IN.

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/19/92 1235-1330 DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	4.41%

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P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-30-92
SAMPLE NO. 186295

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH 6 W PRECIPITATOR IN.

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/19/92 1601-1649 DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

82 AW W/RBA

	ASTM METHOD	AS DETERMINED
CARBON	D3178	14.91%

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APPROVED BY [illegible]

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BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-30-92
SAMPLE NO. 186296

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH 7 W PRECIPITATOR IN.

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/20/92 1416-1507 DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	17.37%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-30-92
SAMPLE NO. 186297

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH B W PRECIPITATOR IN.

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/20/92 1753-1832 DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	12.75%

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BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-30-92
SAMPLE NO. 186298

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

W9

SAMPLE ID: FLY ASH B MW W/RESURN PRECIPITATOR IN.

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/20/92 2036-2113 DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	5.23%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES INC.

DATE: 11-27-92
SAMPLE NO. 186283

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID. HOPPER ASH 2 W PRECIPITATOR
INLET HOPPER

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/16/92 1645 HRS

DATE RECEIVED: 11/25/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	3.30%

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BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: HOPPER ASH 3 W PRECIPITATOR INLET HOPPER

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/17/92 1315 HRS

DATE RECEIVED: 11/25/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	5.96%

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20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: HOPPER ASH 4 W PRECIPITATOR INLET HOPPER

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE RECEIVED: 11/25/92

DATE SAMPLED: 11/19/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2 (BOTTLE MARKED WITH REBURN)

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	26.59%

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GOULD ENERGY DIVISION
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CRESSON, PA 16630

STANDARD LABORATORIES INC.

DATE: 11-27-92
SAMPLE NO. 186286

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: HOPPER ASH 5 W PRECIPITATOR INLET HOPPER

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/19/92
DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2 (BOTTLE MARKED WITHOUT REBURN)

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	3.50%

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CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-27-92
SAMPLE NO. 186287

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: HOPPER ASH 6 W PRECIPITATOR INLET HOPPER

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:
DATE SAMPLED: 11/19/92 1649 HRS
DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:
OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	11.84%

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P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11/27/92
SAMPLE NO. 186288

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: HOPPER ASH 7 W PRECIPITATOR INLET HOPPER

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE RECEIVED: 11/25/92

DATE SAMPLED: 11/20/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2 (BOTTLE MARKED 60 HW)

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	15.64%

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BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-27-92
SAMPLE NO. 186289

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: HOPPER ASH B W PRECIPITATOR INLET HOPPER

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/20/92
DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2 (BOTTLE MARKED B2 MW)

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	10.99%

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BLACK SEAL ANALYSIS

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BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: CYCLONE SLAG 1 W CYCLONE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/16/92 1100 HRS

DATE RECEIVED: 11/25/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.80%

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PAGE 1 OF 1

BLACK SEAL ANALYSIS

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25 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: CYCLONE SLAG 2 W CYCLONE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/16/92 1500 HRS

DATE RECEIVED: 11/25/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.32%

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BLACK SEAL ANALYSIS

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BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: CYCLONE SLAG 3 W CYCLONE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/17/92 1230 HRS

DATE RECEIVED: 11/25/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.01%

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BLACK SEAL ANALYSIS

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20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: CYCLONE SLAG 4 W CYCLONE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/19/92 1000 HRS

DATE RECEIVED: 11/25/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.18%

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BLACK SEAL ANALYSIS

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BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: CYCLONE SLAG 6 W CYCLONE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/19/92 1630 HRS

DATE RECEIVED: 11/25/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.02%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES INC.

DATE: 11-27-92
SAMPLE NO. 186282

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: CYCLONE SLAG B W CYCLONE

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE RECEIVED: 11/25/92

DATE SAMPLED: 11/20/92 1845 HRS
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.01%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-27-92
SAMPLE NO. 186269

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL 1 W/BASELINE CYCLONE FEEDERS

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/16/92 1100 HRS

DATE RECEIVED: 11/25/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	24.63%	XXX
VOLATILE MATTER	D3175	31.60%	42.04%
FIXED CARBON	D3172	39.94%	51.80%
ASH	D3174	4.63%	6.16%
SULFUR	D4239 METHOD 3.3	.49%	.66%
CARBON	D3178	54.74%	72.83%
HYDROGEN	D3178	3.40%	4.53%
NITROGEN	D3179	.74%	.99%
OXYGEN	D3176	11.17%	14.84%
BTU/LB	D2015 D1989	9541	12693
MAF BTU/LB			13526
LBS OF SO2 PER MILLION BTU			1.04
LBS OF SULFUR PER MILLION BTU			.520
HARDGROVE GRINDABILITY INDEX	D409	42	

APPROVED BY R.O. Kelly

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PAGE 1 OF 1
1008

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-27-92
SAMPLE NO. 186270

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID. COAL 2 W/BASELINE CYCLONE FEEDERS

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/16/92 1500 HRS

DATE RECEIVED: 11/25/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS	
MOISTURE	D2961 D3302 D3173	25.32%	XXX	
VOLATILE MATTER	D3175	32.06%	42.93%	
FIXED CARBON	D3172	38.10%	51.01%	
ASH	D3174	4.52%	6.06%	
SULFUR	D4239 METHOD 3.3	.43%	.58%	
CARBON	D3178	53.59%	71.76%	
HYDROGEN	D3178	3.46%	4.64%	
NITROGEN	D3179	.71%	.95%	
OXYGEN	D3176	11.97%	16.02%	
BTU/LB	D2015 D1989	9403	12591	
MAF BTU/LB				13403
LBS OF SO2 PER MILLION BTU			.92	
LBS OF SULFUR PER MILLION BTU			.461	
HARDGROVE GRINDABILITY INDEX D409		43		

APPROVED BY _____

APPROVED BY _____

PAGE 1 OF 1
1235

BLACK SEAL ANALYSIS

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BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL 3 W/110 MW W/REBURN CYCLONE FEEDERS

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/17/92 1230 HRS

DATE RECEIVED: 11/25/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS	
MOISTURE	D2961 D3302 D3173	25.98%	XXX	
VOLATILE MATTER	D3175	31.23%	42.20%	
FIXED CARBON	D3172	38.36%	51.82%	
ASH	D3174	4.43%	5.98%	
SULFUR	D4239 METHOD 3.3	.40%	.55%	
CARBON	D3178	54.39%	73.48%	
HYDROGEN	D3178	3.26%	4.40%	
NITROGEN	D3179	.78%	1.05%	
OXYGEN	D3176	10.76%	14.54%	
BTU/LB	D2015 D1989	9321	12592	
MAF BTU/LB				13394
LBS OF SO2 PER MILLION BTU			.87	
LBS OF SULFUR PER MILLION BTU			.437	
HARDGROVE GRINDABILITY INDEX D409		44		

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PAGE 1 OF 1
1199

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-30-92
SAMPLE NO. 186272

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL 4 W/FULL LOAD BASELINE CYCLONE FEEDERS

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/19/92 1000 HRS DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS	
MOISTURE	D2961 D3302 D3173	26.58%	XXX	
VOLATILE MATTER	D3175	30.69%	42.06%	
FIXED CARBON	D3172	38.29%	52.15%	
ASH	D3174	4.25%	5.79%	
SULFUR	D4239 METHOD 3.3	.39%	.53%	
CARBON	D3178	52.30%	71.24%	
HYDROGEN	D3178	3.18%	4.33%	
NITROGEN	D3179	.70%	.95%	
OXYGEN	D3176	12.60%	17.16%	
BTU/LB	D2015 D1989	9177	12499	
MAF BTU/LB				13267
LBS OF SO2 PER MILLION BTU			.85	
LBS OF SULFUR PER MILLION BTU			.424	
HARDGROVE GRINDABILITY INDEX D409		44		

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BLACK SEAL ANALYSIS

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BARBERTON, OH 44203

SAMPLE ID: COAL 5 W/PULL LOAD W/REBURN W/O GR. FAN

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/19/92 1330 HRS

DATE RECEIVED: 11/25/92

WEATHER:
LOSS WEIGHT:

OTHER ID: CYCLONE FEEDERS WISONSON POWER & LIGHT COMPANY NELSON DEWEY STATION NUNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	27.19%	XXX
VOLATILE MATTER	D3175	31.17%	42.78%
FIXED CARBON	D3172	37.60%	51.62%
ASH	D3174	4.05%	5.60%
SULFUR	D4239 METHOD 3.3	.34%	.47%
CARBON	D3178	51.89%	71.23%
HYDROGEN	D3178	3.76%	5.16%
NITROGEN	D3179	.66%	.90%
OXYGEN	D3176	12.12%	16.44%
BTU/LB	D2015 D1989	9150	12559
MAF BTU/LB			13304
LBS OF SO2 PER MILLION BTU			.75
LBS OF SULFUR PER MILLION BTU			.374
HARDGROVE GRINDABILITY INDEX D409		43	

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1195

BLACK SEAL ANALYSIS

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BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL 6 W/MED LOAD W/REBURN CYCLONE FEEDERS

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/19/92 1630 HRS
DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	27.48%	XXX
VOLATILE MATTER	D3175	31.11%	42.91%
FIXED CARBON	D3172	36.98%	50.98%
ASH	D3174	4.43%	6.11%
SULFUR	D4239 METHOD 3.3	.33%	.45%
CARBON	D3178	51.70%	71.29%
HYDROGEN	D3178	3.53%	4.87%
NITROGEN	D3179	.65%	.90%
OXYGEN	D3176	11.88%	16.37%
BTU/LB	D2015 D1989	9000	12411
MAF BTU/LB			13219
LBS OF SO2 PER MILLION BTU			.72
LBS OF SULFUR PER MILLION BTU			.363
HARDGROVE GRINDABILITY INDEX	D409	44	

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1112

BLACK SEAL ANALYSIS

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BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL 7 W/LOW LD. W/REBURN CYCLONE FEEDERS

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED. 11/20/92 1500 HRS

DATE RECEIVED: 11/23/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	27.98%	XXX
VOLATILE MATTER	D3175	30.89%	42.88%
FIXED CARBON	D3172	37.10%	51.52%
ASH	D3174	4.03%	5.60%
SULFUR	D4239 METHOD 3.3	.30%	.42%
CARBON	D3178	51.81%	71.94%
HYDROGEN	D3178	3.41%	5.05%
NITROGEN	D3179	.65%	.90%
OXYGEN	D3176	11.59%	16.09%
BTU/LB	D2015 D1989	9030	12537
MAF BTU/LB			13281
LBS OF SO2 PER MILLION BTU			.67
LBS OF SULFUR PER MILLION BTU			.335
HARDGROVE GRINDABILITY INDEX D409		47	

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 11-30-92
SAMPLE NO. 186276

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL B W/MED. LD. W/REBURN CYCLONE FEEDERS

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 11/20/92 1845 HRS
DATE RECEIVED: 11/25/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER & LIGHT COMPANY NELSON DEWEY STATION UNIT NO. 2

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS	
MOISTURE	D2961 D3302 D3173	28.51%	XXX	
VOLATILE MATTER	D3175	30.53%	42.70%	
FIXED CARBON	D3172	37.12%	51.93%	
ASH	D3174	3.84%	5.37%	
SULFUR	D4239 METHOD 3.3	.29%	.40%	
CARBON	D3178	51.07%	71.44%	
HYDROGEN	D3178	3.45%	4.83%	
NITROGEN	D3179	.64%	.89%	
OXYGEN	D3176	12.20%	17.07%	
BTU/LB	D2015 D1989	8928	12487	
MAF BTU/LB				13196
LBS OF SO2 PER MILLION BTU			.64	
LBS OF SULFUR PER MILLION BTU			.320	
HARDGROVE GRINDABILITY INDEX D409		49		

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 161125

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 4/7/92 1300&1600

DATE RECEIVED: 5/14/92

WEATHER:
GROSS WEIGHT:

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	16.38%	XXX
VOLATILE MATTER	D3175	32.66%	39.06%
FIXED CARBON	D3172	44.87%	53.65%
ASH	D3174	6.09%	7.29%
SULFUR	D4239 METHOD 3.3	1.31%	1.57%
CARBON	D3178	62.15%	74.33%
HYDROGEN	D3178	4.15%	4.96%
NITROGEN	D3179	1.23%	1.47%
OXYGEN	D3176	8.69%	10.38%
BTU/LB	D2015 D1989	11054	13219
MAF BTU/LB			14258
LBS OF SO2 PER MILLION BTU			2.37
LBS OF SULFUR PER MILLION BTU			1.188
HARDGROVE GRINDABILITY INDEX D409		45	

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459

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 161126

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 4/9/92 1300&1600
WEATHER:
GROSS WEIGHT:

DATE RECEIVED: 5/14/92

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS	
MOISTURE	D2961 D3302 D3173	17.43%	XXX	
VOLATILE MATTER	D3175	31.73%	38.43%	
FIXED CARBON	D3172	45.00%	54.50%	
ASH	D3174	5.84%	7.07%	
SULFUR	D4239 METHOD 3.3	1.41%	1.70%	
CARBON	D3178	61.19%	74.11%	
HYDROGEN	D3178	4.26%	5.16%	
NITROGEN	D3179	1.25%	1.52%	
OXYGEN	D3176	8.62%	10.44%	
BTU/LB	D2015 D1989	10993	13314	
MAF BTU/LB				14327
LBS OF SO2 PER MILLION BTU			2.55	
LBS OF SULFUR PER MILLION BTU			1.277	
HARDGROVE GRINDABILITY INDEX D409		44		

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PAGE 1 OF 1
430

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 161124

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: CYCLONE SLAG CYCLONE HOPPER

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 4/9/92
WEATHER:
GROSS WEIGHT:

DATE RECEIVED: 5/14/92

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.24%

APPROVED BY R.E. Kelly

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PAGE 1 OF 1

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 157751

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE

DATE SAMPLED: 4/10/92 12:15 PM

DATE RECEIVED: 4/21/92

WEATHER:
GROSS WEIGHT:

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.36%

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PAGE 1 OF 1

BLACK SEAL ANALYSIS

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WOOLD ENERGY DIVISION
P.O.BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES,INC.

DATE: 4-22-92
SAMPLE NO. 157751

B & W COAL COMPANY
R.D. 1 BOX 1275
HOMER CITY, PA 15748

SAMPLE ID: SLAG

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE

DATE SAMPLED: 4/10/92 12:15 PM DATE RECEIVED: 4/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.36%

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BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 157754

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH (NIGHT SHIFT)

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: PRECIPITATOR INLET

DATE SAMPLED: 4/13/92
WEATHER:
GROSS WEIGHT: 3.287 GRAMS

DATE RECEIVED: 4/21/92

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	7.60%

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PAGE 1 OF 1

BLACK SEAL ANALYSIS

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P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 4-22-92
SAMPLE NO. 157754

B & W COAL COMPANY
R.D. 1 BOX 1279
HOMER CITY, PA 15748

SAMPLE ID. FLY ASH (NIGHT SHIFT)

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: PRECIPITATOR INLET

DATE SAMPLED: 4/13/92
DATE RECEIVED: 4/21/92
WEATHER:
GROSS WEIGHT: 3.287 GRAMS

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	7.60%

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PAGE 1 OF 1

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 157792

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE

DATE SAMPLED: 4/13/92 13:00

DATE RECEIVED: 4/21/92

WEATHER:
GROSS WEIGHT:

OTHER ID: NOTE: 1 GT GLASS JAR BROKEN WHEN RECEIVED

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.25%

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COOLD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 4-22-92
SAMPLE NO. 157752

B & W COAL COMPANY
R.D. 1 BOX 1275
HOMER CITY, PA 15748

SAMPLE ID: SLAG

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE

DATE SAMPLED: 4/13/92 13:00 DATE RECEIVED: 4/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID: NOTE: 1 QT GLASS JAR BROKEN WHEN RECEIVED

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.25%

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PAGE 1 OF 1

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P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 4-22-92
SAMPLE NO. 157749

B & W COAL COMPANY
R.D. 1 BOX 1275
HOMER CITY, PA 15748

SAMPLE ID: COAL

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: MILL

DATE SAMPLED: 4/13/92 1300 HRS
DATE RECEIVED: 4/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	17.42%	XXX
VOLATILE MATTER	D3175	31.47%	38.11%
FIXED CARBON	D3172	45.26%	54.80%
ASH	D3174	5.85%	7.09%
SULFUR	D4239 METHOD 3.3	1.46%	1.77%
CARBON	D3178	62.35%	75.50%
HYDROGEN	D3178	4.35%	5.26%
NITROGEN	D3179	1.34%	1.62%
OXYGEN	D3176	7.23%	8.75%
BTU/LB	D2015 D1989	11070	13406
MAF BTU/LB			14428
LBS OF SO2 PER MILLION BTU			2.64
LBS OF SULFUR PER MILLION BTU			1.320
HARDGROVE GRINDABILITY INDEX	D409	39	

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688

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GOULD ENERGY DIVISION
P. O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 157756

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH (NIGHT SHIFT)

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: PRECIPITATOR INLET

DATE SAMPLED: 4/15/92
DATE RECEIVED: 4/21/92
WEATHER:
GROSS WEIGHT: 2.449 GRAMS

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	10.61%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 157755

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH (NIGHT SHIFT)

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: PRECIPITATOR INLET

DATE SAMPLED: 4/15/92
DATE RECEIVED: 4/21/92
WEATHER:
GROSS WEIGHT: 2.78 GRAMS

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	15.74%

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PAGE 1 OF 1

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 4-22-92
SAMPLE NO. 157756

B & W COAL COMPANY
R.D. 1 BOX 1275
HOMER CITY, PA 15748

SAMPLE ID: FLY ASH (NIGHT SHIFT)

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: PRECIPITATOR INLET

DATE SAMPLED: 4/13/92
DATE RECEIVED: 4/21/92
WEATHER:
GROSS WEIGHT: 2.449 GRAMS

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	10.61%

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PAGE 1 OF 1

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 4-22-92
SAMPLE NO. 157755

B & W COAL COMPANY
R.D. 1 BOX 1275
HOMER CITY, PA 15748

SAMPLE ID. FLY ASH (NIGHT SHIFT)

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: PRECIPITATOR INLET

DATE SAMPLED: 4/15/92
WEATHER:
GROSS WEIGHT: 2.78 GRAMS

DATE RECEIVED: 4/21/92

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	15.74%

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PAGE 1 OF 1

BLACK SEAL ANALYSIS

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P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 4-22-92
SAMPLE NO. 157750

B & W COAL COMPANY
R.D. 1 BOX 1275
HOMER CITY, PA 15748

SAMPLE ID: COAL

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: MILL

DATE SAMPLED: 4/16/92 2300 HRS
DATE RECEIVED: 4/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS
MOISTURE	D2961 D3302 D3173	18.22%	XXX
VOLATILE MATTER	D3175	31.36%	38.35%
FIXED CARBON	D3172	41.68%	54.64%
ASH	D3174	5.74%	7.01%
SULFUR	D4239 METHOD 3.3	1.52%	1.86%
CARBON	D3178	61.27%	74.92%
HYDROGEN	D3178	4.24%	5.18%
NITROGEN	D3179	1.22%	1.49%
OXYGEN	D3176	7.79%	9.53%
BTU/LB	D2015 D1989	10880	13304
MAF BTU/LB			14308
LBS OF SO2 PER MILLION BTU			2.79
LBS OF SULFUR PER MILLION BTU			1.398
HARDGROVE GRINDABILITY INDEX D409		40	

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651

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 4-22-92
SAMPLE NO. 157753

B & W COAL COMPANY
R.D. 1 BOX 1275
HOMER CITY, PA 15748

SAMPLE ID: SLAG

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE

DATE SAMPLED: 4/16/92 2300 HRS
DATE RECEIVED: 4/21/92
WEATHER:
GROSS WEIGHT:

OTHER ID: NOTE: 1 QT GLASS JAR BROKEN WHEN RECEIVED

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.53%

APPROVED BY [signature]

APPROVED BY [signature]

PAGE 1 OF 1

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 157757

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH (NIGHT SHIFT)

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: PRECIPITATOR INLET

DATE SAMPLED: 4/16/92
DATE RECEIVED: 4/21/92
WEATHER:
GROSS WEIGHT: 4.466 GRAMS

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	16.72%

APPROVED BY RCK

APPROVED BY

PAGE 1 OF 1

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 4-22-92
SAMPLE NO. 157757

B & W COAL COMPANY
R.D. 1 BOX 1275
HOMER CITY, PA 15748

SAMPLE ID: FLY ASH (NIGHT SHIFT)

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: PRECIPITATOR INLET

DATE SAMPLED: 4/16/92
WEATHER:
GROSS WEIGHT: 4.466 GRAMS

DATE RECEIVED: 4/21/92

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	16.72%

APPROVED BY

APPROVED BY

PAGE 1 OF 1

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 197753

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: SLAG

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE

DATE SAMPLED: 4/16/92 2300 HRS

DATE RECEIVED: 4/21/92

WEATHER:
GROSS WEIGHT:

OTHER ID: NOTE: 1 QT GLASS JAR BROKEN WHEN RECEIVED

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.53%

APPROVED BY R. Gill

APPROVED BY

PAGE 1 OF 1

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 157750

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: COAL

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: MILL

DATE SAMPLED: 4/16/92 2300 HRS

DATE RECEIVED: 4/21/92

WEATHER:
GROSS WEIGHT:

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS RECEIVED	DRY BASIS	
MOISTURE	D2961 D3302 D3173	18.22%	XXX	
VOLATILE MATTER	D3175	31.36%	38.35%	
FIXED CARBON	D3172	44.68%	54.64%	
ASH	D3174	5.74%	7.01%	
SULFUR	D4239 METHOD 3.3	1.52%	1.86%	
CARBON	D3178	61.27%	74.92%	
HYDROGEN	D3178	4.24%	5.18%	
NITROGEN	D3179	1.22%	1.49%	
OXYGEN	D3176	7.79%	9.53%	
BTU/LB	D2015 D1989	10880	13304	
MAF BTU/LB				14308
LBS OF SO2 PER MILLION BTU			2.79	
LBS OF SULFUR PER MILLION BTU			1.398	
HARDGROVE GRINDABILITY INDEX D409		40		

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-11-92
SAMPLE NO. 164934

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 14A CYCLONE SLAG 55MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 4/22/92 1230
DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.02%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-11-92
SAMPLE NO. 164934

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 14A CYCLONE SLAG 55MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER
DATE SAMPLED: 4/22/92 1220
DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:
OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.02%

CYCLONE SLAG ANALYSIS. 55 MW.
TEST 14A 4/22/92.

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BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-11-92
SAMPLE NO. 164935

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 16A CYCLONE SLAG

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE RECEIVED: 6/8/92

DATE SAMPLED: 4/24/92 1300
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.22%

CYCLONE SLAG ANALYSIS.
TEST 16A
4/24/92.
1300 HRS.

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-11-92
SAMPLE NO. 16493:

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 16A CYCLONE SLAG

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 4/24/92 1300 DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.22%

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APPROVED BY [signature]

BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-11-92
SAMPLE NO. 164936

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 17A CYCLONE SLAG

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 4/27/92 DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.14%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-11-92
SAMPLE NO. 164936

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: TEST 17A CYCLONE SLAG

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 4/27/92 DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.14%

CYCLONE SLAG ANALYSIS.
TEST 17A
4/27/92.

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-11-92
SAMPLE NO. 164937

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: CYCLONE SLAG 60MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 4/30/92 0235

DATE RECEIVED: 6/8/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.04%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-11-92
SAMPLE NO. 16493

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: CYCLONE SLAG 60MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 4/30/92 0235
DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.04%

CYCLONE SLAG 60MW
4/30/92.
TIME: 0235 HRS.

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-11-92
SAMPLE NO. 164931

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: CYCLONE SLAG 110 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 5/1/92 1100

DATE RECEIVED: 6/8/92

WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.17%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 6-11-92
SAMPLE NO. 16493E

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: CYCLONE SLAG 110 MW

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION: CYCLONE HOPPER

DATE SAMPLED: 5/1/92 1100
DATE RECEIVED: 6/8/92
WEATHER:
GROSS WEIGHT:

OTHER ID: WISCONSIN POWER AND LIGHT COMPANY

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	.17%

CHANGE

CYCLONE SLAG; 110MW.
5/1/92; 1100 HRS.

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 161120

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH - PRECIPITATOR INLET

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 5/5/92 0150-0205

DATE RECEIVED: 5/14/92

WEATHER:
GROSS WEIGHT:

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	16.01%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 161121

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH - PRECIPITATOR INLET

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 5/6/92 1713-1815
DATE RECEIVED: 5/14/92
WEATHER:
GROSS WEIGHT:

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	41.20%

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 161122

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH - PRECIPITATOR INLET

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 5/7/92 1440-1545

DATE RECEIVED: 5/14/92

WEATHER:
GROSS WEIGHT:

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	16.29%

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BLACK SEAL ANALYSIS

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GOULD ENERGY DIVISION
P.O. BOX 214
CRESSON, PA 16630

STANDARD LABORATORIES, INC.

DATE: 5-15-92
SAMPLE NO. 161123

BABCOCK & WILCOX - BARBERTON
20 SOUTH VAN BUREN AVE.
BARBERTON, OH 44203

SAMPLE ID: FLY ASH - PRECIPITATOR INLET

OPERATING CO.:
SAMPLED BY: CUSTOMER PROVIDED
MINE:
LOCATION:

DATE SAMPLED: 5/7/92 1730-1825

DATE RECEIVED: 5/14/92

WEATHER:
GROSS WEIGHT:

OTHER ID:

CERTIFICATE OF ANALYSIS

	ASTM METHOD	AS DETERMINED
CARBON	D3178	18.58%

APPROVED BY RCCL

APPROVED BY

PAGE 1 OF 1

BLACK SEAL ANALYSIS

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APPENDIX NO. 16

Summary Sheet of
Boiler Efficiency Calculations

		CONTRACT SUMMARY SHEET	TEST 5P CORRECTED FOR CONTR. CONDITIONS	TEST 5P WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	921	905
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	122.7
Gas Temp Lvg Econ	F	676.2	660.9	660.9
Gas Flow Ent AH	MLB/HR	1022	1020	1008
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	286.0
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	309.7	297.6
Excess Air Lvg Econ	%	17.0	17.0	16.6
Excess Air Lvg AH	%	---	---	26.0
Excess Air to Burners	%	15.0	15.0	14.6
AH Leakage	MLB/HR	0	---	75
Moisture In Air	LB/LB DA	.0049	.0049	.0028
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.826	10.071
Dry Air Wt to Burners	LB/LB Fuel	---	10.249	9.523
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.404	10.639
Losses	%			
Dry Gas		4.16	4.03	3.76
H2O in Fuel		(2) 4.92	1.23	1.60
H2 in Fuel		---	3.68	3.72
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.44	.44
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.71	11.83
Efficiency	%	88.49	88.29	88.17
Unit Output	MKB	938.7	938.1	938.1
Fuel Input	MKB	1060.8	1062.5	1064.0
Fuel Rate	MLB/HR	89.3	89.5	94.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 5P : 05/18/92 : 1050-1406 : 110 MW : FINAL PERFORMANCE TESTS JDR-071392

		CONTRACT SUMMARY SHEET	TEST 6P CORRECTED FOR CONTR. CONDITIONS	TEST 6P WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	915	900
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	128.5
Gas Temp Lvg Econ	F	676.2	661.6	661.6
Gas Flow Ent AH	MLB/HR	1022	1013	1003
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	286.7
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	309.7	299.0
Excess Air Lvg Econ	%	17.0	17.0	15.9
Excess Air Lvg AH	%	---	---	26.3
Excess Air to Burners	%	15.0	15.0	13.9
AH Leakage	MLB/HR	0	---	82
Moisture In Air	LB/LB DA	.0049	.0049	.0029
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.822	10.157
Dry Air Wt to Burners	LB/LB Fuel	---	10.246	9.540
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.400	10.661
Losses	%			
Dry Gas		4.16	4.02	3.73
H2O in Fuel		(2) 4.92	1.23	1.66
H2 in Fuel		---	3.68	3.03
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.47	.47
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.74	11.21
Efficiency	%	88.49	88.26	88.79
Unit Output	MKB	938.7	931.4	931.4
Fuel Input	MKB	1060.8	1055.3	1049.0
Fuel Rate	MLB/HR	89.3	88.9	94.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 6P : 05/19/92 : 0922-1212 : 110 MW : FINAL PERFORMANCE TESTS JDR-071392

		CONTRACT SUMMARY SHEET	TEST 8P CORRECTED FOR CONTR. CONDITIONS	TEST 8P WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	898	879
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	134.0
Gas Temp Lvg Econ	F	676.2	647.6	647.6
Gas Flow Ent AH	MLB/HR	1022	994	981
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	286.5
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	304.2	299.6
Excess Air Lvg Econ	%	17.0	17.0	15.4
Excess Air Lvg AH	%	---	---	26.8
Excess Air to Burners	%	15.0	15.0	13.3
AH Leakage	MLB/HR	0	---	88
Moisture In Air	LB/LB DA	.0049	.0049	.0035
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.785	10.075
Dry Air Wt to Burners	LB/LB Fuel	---	10.211	9.459
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.362	10.585
Losses	%			
Dry Gas		4.16	3.89	3.59
H2O in Fuel		(2) 4.92	1.23	1.66
H2 in Fuel		---	3.67	3.02
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.79	.79
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.92	11.39
Efficiency	%	88.49	88.08	88.61
Unit Output	MKB	938.7	915.3	915.3
Fuel Input	MKB	1060.8	1039.2	1033.0
Fuel Rate	MLB/HR	89.3	87.5	92.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 8P : 05/20/92 : 0932-1238 : 109 MW : FINAL PERFORMANCE TESTS JDR-071392

		CONTRACT SUMMARY SHEET	TEST 1P CORRECTED FOR CONTR. CONDITIONS	TEST 1P WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	656	639
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	137.5
Gas Temp Lvg Econ	F	676.2	604.2	604.2
Gas Flow Ent AH	MLB/HR	1022	727	717
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	272.0
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	279.5	280.9
Excess Air Lvg Econ	%	17.0	17.0	16.7
Excess Air Lvg AH	%	---	---	25.5
Excess Air to Burners	%	15.0	15.0	13.9
AH Leakage	MLB/HR	0	---	49
Moisture In Air	LB/LB DA	.0049	.0049	.0036
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.822	10.174
Dry Air Wt to Burners	LB/LB Fuel	---	10.246	9.489
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.400	10.679
Losses	%			
Dry Gas		4.16	3.36	3.12
H2O in Fuel		(2) 4.92	1.21	1.56
H2 in Fuel		---	3.63	2.97
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.47	.47
Radiation		.79	1.10	1.10
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.30	10.74
Efficiency	%	88.49	88.70	89.26
Unit Output	MKB	938.7	671.7	671.7
Fuel Input	MKB	1060.8	757.3	752.5
Fuel Rate	MLB/HR	89.3	63.8	67.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 1P : 05/16/92 : 1056-1311 : 80 MW : FINAL PERFORMANCE TESTS JDR-071392

		CONTRACT SUMMARY SHEET	TEST 7P CORRECTED FOR CONTR. CONDITIONS	TEST 7P WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	667	652
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	141.4
Gas Temp Lvg Econ	F	676.2	625.1	625.1
Gas Flow Ent AH	MLB/HR	1022	738	731
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~282.7~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	286.8	292.5
Excess Air Lvg Econ	%	17.0	17.0	15.8
Excess Air Lvg AH	%	---	---	25.0
Excess Air to Burners	%	15.0	15.0	13.1
AH Leakage	MLB/HR	0	---	53
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.831	10.155
Dry Air Wt to Burners	LB/LB Fuel	---	10.253	9.476
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.409	10.670
Losses	%			
Dry Gas		4.16	3.53	3.30
H2O in Fuel		(2) 4.92	1.22	1.64
H2 in Fuel		---	3.65	2.99
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.40	.40
Radiation		.79	1.09	1.09
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.42	10.94
Efficiency	%	88.49	88.58	89.06
Unit Output	MKB	938.7	680.8	680.8
Fuel Input	MKB	1060.8	768.6	764.4
Fuel Rate	MLB/HR	89.3	64.7	68.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 7P : 05/19/92 : 1429-1721 : 82 MW : FINAL PERFORMANCE TESTS JDR-071392

		CONTRACT SUMMARY SHEET	TEST 9P CORRECTED FOR CONTR. CONDITIONS	TEST 9P WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	671	654
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	144.4
Gas Temp Lvg Econ	F	676.2	621.9	621.9
Gas Flow Ent AH	MLB/HR	1022	743	733
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	282.4
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~286.0~~	~~293.3~~
Excess Air Lvg Econ	%	17.0	17.0	15.3
Excess Air Lvg AH	%	---	---	25.7
Excess Air to Burners	%	15.0	15.0	12.6
AH Leakage	MLB/HR	0	---	60
Moisture In Air	LB/LB DA	.0049	.0049	.0045
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.699	9.991
Dry Air Wt to Burners	LB/LB Fuel	---	10.133	9.324
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.276	10.510
Losses	%			
Dry Gas		4.16	3.47	3.20
H2O in Fuel		(2) 4.92	1.22	1.64
H2 in Fuel		---	3.64	2.98
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	1.51	1.51
Radiation		.79	1.08	1.08
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.45	11.94
Efficiency	%	88.49	87.55	88.06
Unit Output	MKB	938.7	685.3	685.3
Fuel Input	MKB	1060.8	782.8	778.2
Fuel Rate	MLB/HR	89.3	65.9	69.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 9P : 05/20/92 : 1435-1642 : 82 MW : FINAL PERFORMANCE TESTS JDR-071392

		CONTRACT SUMMARY SHEET	TEST 2P CORRECTED FOR CONTR. CONDITIONS	TEST 2P WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	489	471
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	150.2
Gas Temp Lvg Econ	F	676.2	572.7	572.7
Gas Flow Ent AH	MLB/HR	1022	541	533
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~270.9~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	261.2	279.7
Excess Air Lvg Econ	%	17.0	17.0	16.4
Excess Air Lvg AH	%	---	---	26.1
Excess Air to Burners	%	15.0	15.0	12.7
AH Leakage	MLB/HR	0	---	40
Moisture In Air	LB/LB DA	.0049	.0049	.0044
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.634	9.973
Dry Air Wt to Burners	LB/LB Fuel	---	10.073	9.225
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.211	10.485
Losses	%			
Dry Gas		4.16	2.91	2.77
H2O in Fuel		(2) 4.92	1.20	1.55
H2 in Fuel		---	3.61	2.93
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	2.06	2.06
Radiation		.79	1.48	1.48
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.79	12.31
Efficiency	%	88.49	87.21	87.69
Unit Output	MKB	938.7	500.1	500.1
Fuel Input	MKB	1060.8	573.4	570.3
Fuel Rate	MLB/HR	89.3	48.3	50.9

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 2P : 05/16/92 : 1608-1844 : 58 MW : FINAL PERFORMANCE TESTS JDR-071392

		CONTRACT SUMMARY SHEET	TEST 3P CORRECTED FOR CONTR. CONDITIONS	TEST 3P WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	482	479
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	140.3
Gas Temp Lvg Econ	F	676.2	574.0	574.0
Gas Flow Ent AH	MLB/HR	1022	534	542
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	263.9
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	261.3	273.3
Excess Air Lvg Econ	%	17.0	17.0	18.4
Excess Air Lvg AH	%	---	---	28.6
Excess Air to Burners	%	15.0	15.0	14.6
AH Leakage	MLB/HR	0	---	43
Moisture In Air	LB/LB DA	.0049	.0049	.0034
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.633	9.938
Dry Air Wt to Burners	LB/LB Fuel	---	10.072	9.264
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.210	10.511
Losses	%			
Dry Gas		4.16	2.91	2.88
H2O in Fuel		(2) 4.92	1.20	1.64
H2 in Fuel		---	3.61	3.63
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	2.07	2.07
Radiation		.79	1.50	1.50
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.82	13.24
Efficiency	%	88.49	87.18	86.76
Unit Output	MKB	938.7	493.0	493.0
Fuel Input	MKB	1060.8	565.5	568.2
Fuel Rate	MLB/HR	89.3	47.6	51.5

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST 4P CORRECTED FOR CONTR. CONDITIONS	TEST 4P WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	484	485
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	141.8
Gas Temp Lvg Econ	F	676.2	565.1	565.1
Gas Flow Ent AH	MLB/HR	1022	536	548
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	266.7
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	258.6	275.7
Excess Air Lvg Econ	%	17.0	17.0	19.3
Excess Air Lvg AH	%	---	---	29.0
Excess Air to Burners	%	15.0	15.0	15.5
AH Leakage	MLB/HR	0	---	41
Moisture In Air	LB/LB DA	.0049	.0049	.0036
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.596	9.974
Dry Air Wt to Burners	LB/LB Fuel	---	10.038	9.304
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.173	10.549
Losses	%			
Dry Gas		4.16	2.85	2.91
H2O in Fuel		(2) 4.92	1.20	1.64
H2 in Fuel		---	3.60	3.63
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	2.38	2.38
Radiation		.79	1.50	1.50
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	13.06	13.58
Efficiency	%	88.49	86.94	86.42
Unit Output	MKB	938.7	495.2	495.2
Fuel Input	MKB	1060.8	569.6	573.0
Fuel Rate	MLB/HR	89.3	48.0	52.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 4P : 05/17/92 : 1419-1650 : 58 MW : FINAL PERFORMANCE TESTS JDR-071392

		CONTRACT SUMMARY SHEET	TEST F1 CORRECTED FOR CONTR. CONDITIONS	TEST F1 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	629	632
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	119.3
Gas Temp Lvg Econ	F	676.2	631.4	631.4
Gas Flow Ent AH	MLB/HR	1022	697	710
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	270.2
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	287.1	281.8
Excess Air Lvg Econ	%	17.0	17.0	19.6
Excess Air Lvg AH	%	---	---	30.1
Excess Air to Burners	%	15.0	15.0	16.7
AH Leakage	MLB/HR	0	---	57
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.836	10.030
Dry Air Wt to Burners	LB/LB Fuel	---	10.258	9.425
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.413	10.610
Losses	%			
Dry Gas		4.16	3.53	3.58
H2O in Fuel		(2) 4.92	1.22	1.78
H2 in Fuel		---	3.65	3.76
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.36	.36
Radiation		.79	1.15	1.15
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.44	12.15
Efficiency	%	88.49	88.56	87.85
Unit Output	MKB	938.7	642.3	642.3
Fuel Input	MKB	1060.8	725.3	731.1
Fuel Rate	MLB/HR	89.3	61.1	66.9

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST F1 : 09/28/92 : 1446-1702 : 77 MW JDR-102792

		CONTRACT SUMMARY SHEET	TEST F2 CORRECTED FOR CONTR. CONDITIONS	TEST F2 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	900	880
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	108.9
Gas Temp Lvg Econ	F	676.2	670.5	670.5
Gas Flow Ent AH	MLB/HR	1022	996	983
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	279.7
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	312.2	289.7
Excess Air Lvg Econ	%	17.0	17.0	16.0
Excess Air Lvg AH	%	---	---	23.8
Excess Air to Burners	%	15.0	15.0	13.9
AH Leakage	MLB/HR	0	---	60
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.824	9.722
Dry Air Wt to Burners	LB/LB Fuel	---	10.247	9.188
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.402	10.300
Losses	%			
Dry Gas		4.16	4.08	3.86
H2O in Fuel		(2) 4.92	1.23	1.80
H2 in Fuel		---	3.68	3.81
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.46	.46
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.80	12.26
Efficiency	%	88.49	88.20	87.74
Unit Output	MKB	938.7	915.2	915.2
Fuel Input	MKB	1060.8	1037.6	1043.1
Fuel Rate	MLB/HR	89.3	87.4	95.5

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST F2 : 09/28/92 : 1057-1302 : 110 MW

JDR-102792

		CONTRACT SUMMARY SHEET	TEST F3 CORRECTED FOR CONTR. CONDITIONS	TEST F3 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	908	892
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	110.8
Gas Temp Lvg Econ	F	676.2	697.1	697.1
Gas Flow Ent AH	MLB/HR	1022	1006	996
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	284.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	321.8	295.5
Excess Air Lvg Econ	%	17.0	17.0	16.5
Excess Air Lvg AH	%	---	---	24.7
Excess Air to Burners	%	15.0	15.0	14.4
AH Leakage	MLB/HR	0	---	64
Moisture In Air	LB/LB DA	.0049	.0049	.0044
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.844	9.783
Dry Air Wt to Burners	LB/LB Fuel	---	10.265	9.248
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.422	10.374
Losses	%			
Dry Gas		4.16	4.30	3.97
H2O in Fuel		(2) 4.92	1.23	1.80
H2 in Fuel		---	3.70	3.81
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.29	.29
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.86	12.20
Efficiency	%	88.49	88.14	87.80
Unit Output	MKB	938.7	921.6	921.6
Fuel Input	MKB	1060.8	1045.6	1049.7
Fuel Rate	MLB/HR	89.3	88.0	96.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST F3 : 09/28/92 : 1920-2104 : 110 MW JDR-102792

		CONTRACT SUMMARY SHEET	TEST F4 CORRECTED FOR CONTR. CONDITIONS	TEST F4 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	629	633
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	128.1
Gas Temp Lvg Econ	F	676.2	638.9	638.9
Gas Flow Ent AH	MLB/HR	1022	696	711
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	276.4
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~289.5~~	~~288.3~~
Excess Air Lvg Econ	%	17.0	17.0	20.0
Excess Air Lvg AH	%	---	---	31.0
Excess Air to Burners	%	15.0	15.0	17.1
AH Leakage	MLB/HR	0	---	60
Moisture In Air	LB/LB DA	.0049	.0049	.0037
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.868	10.089
Dry Air Wt to Burners	LB/LB Fuel	---	10.287	9.481
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.446	10.675
Losses	%			
Dry Gas		4.16	3.60	3.55
H2O in Fuel		(2) 4.92	1.22	1.77
H2 in Fuel		---	3.65	3.74
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.09	.09
Radiation		.79	1.15	1.15
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.24	11.82
Efficiency	%	88.49	88.76	88.18
Unit Output	MKB	938.7	641.5	641.5
Fuel Input	MKB	1060.8	722.7	727.5
Fuel Rate	MLB/HR	89.3	60.9	66.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST F4 : 09/29/92 : 1333-1545 : 77 MW JDR-102792

		CONTRACT SUMMARY SHEET	TEST F5 CORRECTED FOR CONTR. CONDITIONS	TEST F5 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	902	881
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	124.8
Gas Temp Lvg Econ	F	676.2	698.9	698.9
Gas Flow Ent AH	MLB/HR	1022	998	985
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~294.5~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	322.2	304.7
Excess Air Lvg Econ	%	17.0	17.0	16.1
Excess Air Lvg AH	%	---	---	24.2
Excess Air to Burners	%	15.0	15.0	14.1
AH Leakage	MLB/HR	0	---	63
Moisture In Air	LB/LB DA	.0049	.0049	.0045
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.845	9.757
Dry Air Wt to Burners	LB/LB Fuel	---	10.266	9.221
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.423	10.349
Losses	%			
Dry Gas		4.16	4.31	3.85
H2O in Fuel		(2) 4.92	1.23	1.79
H2 in Fuel		---	3.70	3.78
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.28	.28
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.87	12.04
Efficiency	%	88.49	88.13	87.96
Unit Output	MKB	938.7	914.7	914.7
Fuel Input	MKB	1060.8	1037.9	1039.9
Fuel Rate	MLB/HR	89.3	87.4	95.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST F5 : 09/29/92 : 1708-1913 : 110 MW JDR-102792

		CONTRACT SUMMARY SHEET	TEST F6 CORRECTED FOR CONTR. CONDITIONS	TEST F6 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	448	456
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	133.5
Gas Temp Lvg Econ	F	676.2	572.9	572.9
Gas Flow Ent AH	MLB/HR	1022	496	516
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~264.1~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	258.9	277.4
Excess Air Lvg Econ	%	17.0	17.0	21.8
Excess Air Lvg AH	%	---	---	36.0
Excess Air to Burners	%	15.0	15.0	17.7
AH Leakage	MLB/HR	0	---	55
Moisture In Air	LB/LB DA	.0049	.0049	.0042
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.819	10.190
Dry Air Wt to Burners	LB/LB Fuel	---	10.242	9.491
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.397	10.781
Losses	%			
Dry Gas		4.16	2.91	3.22
H2O in Fuel		(2) 4.92	1.20	1.75
H2 in Fuel		---	3.60	3.71
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.50	.50
Radiation		.79	1.62	1.62
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.36	12.32
Efficiency	%	88.49	88.64	87.68
Unit Output	MKB	938.7	458.3	458.3
Fuel Input	MKB	1060.8	517.0	522.7
Fuel Rate	MLB/HR	89.3	43.5	47.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST F6 : 09/30/92 : 1235-1429 : 52 MW JDR-102792

		CONTRACT SUMMARY SHEET	TEST F7 CORRECTED FOR CONTR. CONDITIONS	TEST F7 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	669	655
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	133.0
Gas Temp Lvg Econ	F	676.2	626.0	626.0
Gas Flow Ent AH	MLB/HR	1022	741	736
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	273.1
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	287.2	282.4
Excess Air Lvg Econ	%	17.0	17.0	16.7
Excess Air Lvg AH	%	---	---	25.6
Excess Air to Burners	%	15.0	15.0	13.9
AH Leakage	MLB/HR	0	---	52
Moisture In Air	LB/LB DA	.0049	.0049	.0056
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.806	9.764
Dry Air Wt to Burners	LB/LB Fuel	---	10.230	9.176
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.384	10.367
Losses	%			
Dry Gas		4.16	3.53	3.21
H2O in Fuel		(2) 4.92	1.22	1.76
H2 in Fuel		---	3.65	3.71
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.61	.61
Radiation		.79	1.08	1.08
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.62	11.90
Efficiency	%	88.49	88.38	88.10
Unit Output	MKB	938.7	683.3	683.3
Fuel Input	MKB	1060.8	773.1	775.6
Fuel Rate	MLB/HR	89.3	65.1	71.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST F7 : 09/30/92 : 1713-1846 : 83 MW JDR-102792

		CONTRACT SUMMARY SHEET	TEST F8 CORRECTED FOR CONTR. CONDITIONS	TEST F8 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	669	654
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	129.1
Gas Temp Lvg Econ	F	676.2	642.6	642.6
Gas Flow Ent AH	MLB/HR	1022	741	735
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	275.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	292.7	285.6
Excess Air Lvg Econ	%	17.0	17.0	16.4
Excess Air Lvg AH	%	---	---	25.4
Excess Air to Burners	%	15.0	15.0	13.7
AH Leakage	MLB/HR	0	---	52
Moisture In Air	LB/LB DA	.0049	.0049	.0061
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.811	9.748
Dry Air Wt to Burners	LB/LB Fuel	---	10.235	9.159
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.388	10.355
Losses	%			
Dry Gas		4.16	3.65	3.35
H2O in Fuel		(2) 4.92	1.22	1.76
H2 in Fuel		---	3.65	3.73
Moisture in Air		.04	.03	.04
Unburned Combustible		.10	.57	.57
Radiation		.79	1.09	1.09
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.71	12.04
Efficiency	%	88.49	88.29	87.96
Unit Output	MKB	938.7	682.2	682.2
Fuel Input	MKB	1060.8	772.7	775.6
Fuel Rate	MLB/HR	89.3	65.1	71.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST F9 CORRECTED FOR CONTR. CONDITIONS	TEST F9 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	458	465
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	135.2
Gas Temp Lvg Econ	F	676.2	580.6	580.6
Gas Flow Ent AH	MLB/HR	1022	507	526
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	275.1
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	261.8	288.9
Excess Air Lvg Econ	%	17.0	17.0	20.9
Excess Air Lvg AH	%	---	---	34.5
Excess Air to Burners	%	15.0	15.0	16.9
AH Leakage	MLB/HR	0	---	54
Moisture In Air	LB/LB DA	.0049	.0049	.0075
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.801	10.098
Dry Air Wt to Burners	LB/LB Fuel	---	10.226	9.408
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.379	10.721
Losses	%			
Dry Gas		4.16	2.97	3.41
H2O in Fuel		(2) 4.92	1.20	1.76
H2 in Fuel		---	3.61	3.72
Moisture in Air		.04	.03	.05
Unburned Combustible		.10	.65	.65
Radiation		.79	1.58	1.58
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.54	12.67
Efficiency	%	88.49	88.46	87.33
Unit Output	MKB	938.7	468.4	468.4
Fuel Input	MKB	1060.8	529.5	536.4
Fuel Rate	MLB/HR	89.3	44.6	49.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST F10 CORRECTED FOR CONTR. CONDITIONS	TEST F10 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	673	657
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	128.9
Gas Temp Lvg Econ	F	676.2	634.6	634.6
Gas Flow Ent AH	MLB/HR	1022	745	738
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	275.2
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~290.2~~	~~284.8~~
Excess Air Lvg Econ	%	17.0	17.0	16.1
Excess Air Lvg AH	%	---	---	24.9
Excess Air to Burners	%	15.0	15.0	13.4
AH Leakage	MLB/HR	0	---	51
Moisture In Air	LB/LB DA	.0049	.0049	.0071
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.838	9.747
Dry Air Wt to Burners	LB/LB Fuel	---	10.260	9.156
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.416	10.363
Losses	%			
Dry Gas		4.16	3.60	3.34
H2O in Fuel		(2) 4.92	1.22	1.76
H2 in Fuel		---	3.65	3.73
Moisture in Air		.04	.03	.04
Unburned Combustible		.10	.34	.34
Radiation		.79	1.08	1.08
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.42	11.79
Efficiency	%	88.49	88.58	88.21
Unit Output	MKB	938.7	686.6	686.6
Fuel Input	MKB	1060.8	775.1	778.4
Fuel Rate	MLB/HR	89.3	65.3	71.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST F11 CORRECTED FOR CONTR. CONDITIONS	TEST F11 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	346	384
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	144.9
Gas Temp Lvg Econ	F	676.2	554.6	554.6
Gas Flow Ent AH	MLB/HR	1022	383	434
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~262.4~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	247.1	276.0
Excess Air Lvg Econ	%	17.0	17.0	33.1
Excess Air Lvg AH	%	---	---	50.5
Excess Air to Burners	%	15.0	15.0	27.8
AH Leakage	MLB/HR	0	---	52
Moisture In Air	LB/LB DA	.0049	.0049	.0080
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.653	10.930
Dry Air Wt to Burners	LB/LB Fuel	---	10.090	10.149
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.230	11.564
Losses	%			
Dry Gas		4.16	2.61	3.15
H2O in Fuel		(2) 4.92	1.20	1.73
H2 in Fuel		---	3.58	3.66
Moisture in Air		.04	.02	.05
Unburned Combustible		.10	1.90	1.90
Radiation		.79	2.10	2.10
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.91	14.09
Efficiency	%	88.49	87.09	85.91
Unit Output	MKB	938.7	352.7	352.7
Fuel Input	MKB	1060.8	405.0	410.5
Fuel Rate	MLB/HR	89.3	34.1	37.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST F12 CORRECTED FOR CONTR. CONDITIONS	TEST F12 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	486	481
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	141.1
Gas Temp Lvg Econ	F	676.2	594.9	594.9
Gas Flow Ent AH	MLB/HR	1022	538	545
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	275.3
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	267.9	287.2
Excess Air Lvg Econ	%	17.0	17.0	18.2
Excess Air Lvg AH	%	---	---	30.3
Excess Air to Burners	%	15.0	15.0	14.4
AH Leakage	MLB/HR	0	---	51
Moisture In Air	LB/LB DA	.0049	.0049	.0091
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.637	9.727
Dry Air Wt to Burners	LB/LB Fuel	---	10.076	9.071
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.214	10.363
Losses	%			
Dry Gas		4.16	3.06	3.12
H2O in Fuel		(2) 4.92	1.21	1.75
H2 in Fuel		---	3.62	3.69
Moisture in Air		.04	.03	.05
Unburned Combustible		.10	2.03	2.03
Radiation		.79	1.49	1.49
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.94	13.63
Efficiency	%	88.49	87.06	86.37
Unit Output	MKB	938.7	496.5	496.5
Fuel Input	MKB	1060.8	570.3	574.9
Fuel Rate	MLB/HR	89.3	48.0	52.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST F13 CORRECTED FOR CONTR. CONDITIONS	TEST F13 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	484	474
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	140.5
Gas Temp Lvg Econ	F	676.2	586.3	586.3
Gas Flow Ent AH	MLB/HR	1022	536	537
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	270.5
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	265.1	281.9
Excess Air Lvg Econ	%	17.0	17.0	17.0
Excess Air Lvg AH	%	---	---	28.8
Excess Air to Burners	%	15.0	15.0	13.2
AH Leakage	MLB/HR	0	---	49
Moisture In Air	LB/LB DA	.0049	.0049	.0087
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.851	9.832
Dry Air Wt to Burners	LB/LB Fuel	---	10.272	9.155
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.429	10.464
Losses	%			
Dry Gas		4.16	3.06	3.05
H2O in Fuel		(2) 4.92	1.21	1.74
H2 in Fuel		---	3.61	3.69
Moisture in Air		.04	.03	.05
Unburned Combustible		.10	.23	.23
Radiation		.79	1.50	1.50
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.14	11.76
Efficiency	%	88.49	88.86	88.24
Unit Output	MKB	938.7	495.1	495.1
Fuel Input	MKB	1060.8	557.2	561.1
Fuel Rate	MLB/HR	89.3	46.9	51.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST F14 CORRECTED FOR CONTR. CONDITIONS	TEST F14 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	347	384
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	146.6
Gas Temp Lvg Econ	F	676.2	544.6	544.6
Gas Flow Ent AH	MLB/HR	1022	385	434
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	261.4
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	244.2	276.0
Excess Air Lvg Econ	%	17.0	17.0	32.6
Excess Air Lvg AH	%	---	---	51.7
Excess Air to Burners	%	15.0	15.0	27.3
AH Leakage	MLB/HR	0	---	58
Moisture In Air	LB/LB DA	.0049	.0049	.0070
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.850	11.093
Dry Air Wt to Burners	LB/LB Fuel	---	10.271	10.295
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.428	11.719
Losses	%			
Dry Gas		4.16	2.60	3.15
H2O in Fuel		(2) 4.92	1.19	1.73
H2 in Fuel		---	3.58	3.66
Moisture in Air		.04	.02	.04
Unburned Combustible		.10	.24	.24
Radiation		.79	2.09	2.09
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.22	12.41
Efficiency	%	88.49	88.78	87.59
Unit Output	MKB	938.7	354.8	354.8
Fuel Input	MKB	1060.8	399.6	405.1
Fuel Rate	MLB/HR	89.3	33.6	37.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST F15 CORRECTED FOR CONTR. CONDITIONS	TEST F15 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	498	484
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	139.2
Gas Temp Lvg Econ	F	676.2	588.4	588.4
Gas Flow Ent AH	MLB/HR	1022	551	549
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	262.7
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	266.6	274.7
Excess Air Lvg Econ	%	17.0	17.0	16.8
Excess Air Lvg AH	%	---	---	29.8
Excess Air to Burners	%	15.0	15.0	13.1
AH Leakage	MLB/HR	0	---	56
Moisture In Air	LB/LB DA	.0049	.0049	.0051
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.639	9.621
Dry Air Wt to Burners	LB/LB Fuel	---	10.077	8.972
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.216	10.219
Losses	%			
Dry Gas		4.16	3.03	2.86
H2O in Fuel		(2) 4.92	1.21	1.74
H2 in Fuel		---	3.61	3.68
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	2.02	2.02
Radiation		.79	1.46	1.46
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.86	13.29
Efficiency	%	88.49	87.14	86.71
Unit Output	MKB	938.7	508.8	508.8
Fuel Input	MKB	1060.8	583.9	586.8
Fuel Rate	MLB/HR	89.3	49.2	53.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST F16 CORRECTED FOR CONTR. CONDITIONS	TEST F16 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	348	361
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	146.0
Gas Temp Lvg Econ	F	676.2	521.7	521.7
Gas Flow Ent AH	MLB/HR	1022	385	411
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	258.0
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	237.7	272.8
Excess Air Lvg Econ	%	17.0	17.0	24.9
Excess Air Lvg AH	%	---	---	43.8
Excess Air to Burners	%	15.0	15.0	19.6
AH Leakage	MLB/HR	0	---	57
Moisture In Air	LB/LB DA	.0049	.0049	.0051
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.792	10.415
Dry Air Wt to Burners	LB/LB Fuel	---	10.217	9.624
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.369	11.016
Losses	%			
Dry Gas		4.16	2.44	2.90
H2O in Fuel		(2) 4.92	1.19	1.73
H2 in Fuel		---	3.57	3.66
Moisture in Air		.04	.02	.03
Unburned Combustible		.10	.73	.73
Radiation		.79	2.08	2.08
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.53	12.63
Efficiency	%	88.49	88.47	87.37
Unit Output	MKB	938.7	355.9	355.9
Fuel Input	MKB	1060.8	402.3	407.3
Fuel Rate	MLB/HR	89.3	33.9	37.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST F17 CORRECTED FOR CONTR. CONDITIONS	TEST F17 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	495	473
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	138.4
Gas Temp Lvg Econ	F	676.2	602.5	602.5
Gas Flow Ent AH	MLB/HR	1022	548	537
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	262.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	270.7	276.0
Excess Air Lvg Econ	%	17.0	17.0	15.1
Excess Air Lvg AH	%	---	---	29.2
Excess Air to Burners	%	15.0	15.0	11.4
AH Leakage	MLB/HR	0	---	60
Moisture In Air	LB/LB DA	.0049	.0049	.0049
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.756	9.593
Dry Air Wt to Burners	LB/LB Fuel	---	10.185	8.931
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.334	10.188
Losses	%			
Dry Gas		4.16	3.15	2.90
H2O in Fuel		(2) 4.92	1.21	1.74
H2 in Fuel		---	3.62	3.69
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	1.03	1.03
Radiation		.79	1.47	1.47
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.01	12.36
Efficiency	%	88.49	87.99	87.64
Unit Output	MKB	938.7	505.0	505.0
Fuel Input	MKB	1060.8	573.9	576.2
Fuel Rate	MLB/HR	89.3	48.3	52.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST F18 CORRECTED FOR CONTR. CONDITIONS	TEST F18 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	495	507
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	136.2
Gas Temp Lvg Econ	F	676.2	611.7	611.7
Gas Flow Ent AH	MLB/HR	1022	548	571
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	267.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	273.5	280.1
Excess Air Lvg Econ	%	17.0	17.0	22.6
Excess Air Lvg AH	%	---	---	35.7
Excess Air to Burners	%	15.0	15.0	18.9
AH Leakage	MLB/HR	0	---	56
Moisture In Air	LB/LB DA	.0049	.0049	.0050
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.859	10.294
Dry Air Wt to Burners	LB/LB Fuel	---	10.279	9.622
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.437	10.894
Losses	%			
Dry Gas		4.16	3.24	3.25
H2O in Fuel		(2) 4.92	1.21	1.75
H2 in Fuel		---	3.62	3.70
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.16	.16
Radiation		.79	1.47	1.47
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.23	11.86
Efficiency	%	88.49	88.77	88.14
Unit Output	MKB	938.7	504.8	504.8
Fuel Input	MKB	1060.8	568.7	572.7
Fuel Rate	MLB/HR	89.3	47.9	52.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST F19 CORRECTED FOR CONTR. CONDITIONS	TEST F19 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	907	906
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	128.4
Gas Temp Lvg Econ	F	676.2	703.1	703.1
Gas Flow Ent AH	MLB/HR	1022	1004	1010
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	303.6
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~323.8~~	~~315.3~~
Excess Air Lvg Econ	%	17.0	17.0	18.3
Excess Air Lvg AH	%	---	---	27.4
Excess Air to Burners	%	15.0	15.0	16.3
AH Leakage	MLB/HR	0	---	71
Moisture In Air	LB/LB DA	.0049	.0049	.0050
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.838	9.927
Dry Air Wt to Burners	LB/LB Fuel	---	10.260	9.393
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.416	10.525
Losses	%			
Dry Gas		4.16	4.34	4.07
H2O in Fuel		(2) 4.92	1.24	1.79
H2 in Fuel		---	3.70	3.78
Moisture in Air		.04	.04	.04
Unburned Combustible		.10	.34	.34
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.97	12.33
Efficiency	%	88.49	88.03	87.67
Unit Output	MKB	938.7	919.4	919.4
Fuel Input	MKB	1060.8	1044.4	1048.7
Fuel Rate	MLB/HR	89.3	87.9	96.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST F19 : 10/05/92 : 2205-0000 : 110 MW JDR-102792

		CONTRACT SUMMARY SHEET	TEST W1 CORRECTED FOR CONTR. CONDITIONS	TEST W1 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	914	921
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	119.1
Gas Temp Lvg Econ	F	676.2	708.8	708.8
Gas Flow Ent AH	MLB/HR	1022	1012	1043
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	306.6
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	326.1	320.6
Excess Air Lvg Econ	%	17.0	17.0	18.9
Excess Air Lvg AH	%	---	---	29.4
Excess Air to Burners	%	15.0	15.0	16.9
AH Leakage	MLB/HR	0	---	83
Moisture In Air	LB/LB DA	.0049	.0049	.0032
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.869	8.731
Dry Air Wt to Burners	LB/LB Fuel	---	10.288	8.193
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.447	9.310
Losses	%			
Dry Gas		4.16	4.40	4.42
H2O in Fuel		(2) 4.92	1.24	2.91
H2 in Fuel		---	3.70	3.56
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.08	.08
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.76	13.30
Efficiency	%	88.49	88.24	86.70
Unit Output	MKB	938.7	927.0	927.0
Fuel Input	MKB	1060.8	1050.5	1069.2
Fuel Rate	MLB/HR	89.3	88.5	112.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W1 : 11/16/92 : 0900-1127 : 109 MW JDR-121692

		CONTRACT SUMMARY SHEET	TEST W2 CORRECTED FOR CONTR. CONDITIONS	TEST W2 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	632	638
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	134.1
Gas Temp Lvg Econ	F	676.2	622.5	622.5
Gas Flow Ent AH	MLB/HR	1022	700	728
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	284.2
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	284.3	294.8
Excess Air Lvg Econ	%	17.0	17.0	20.4
Excess Air Lvg AH	%	---	---	30.4
Excess Air to Burners	%	15.0	15.0	17.5
AH Leakage	MLB/HR	0	---	54
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.869	8.648
Dry Air Wt to Burners	LB/LB Fuel	---	10.288	8.062
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.447	9.244
Losses	%			
Dry Gas		4.16	3.48	3.55
H2O in Fuel		(2) 4.92	1.22	2.94
H2 in Fuel		---	3.64	3.59
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.08	.08
Radiation		.79	1.15	1.15
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.10	12.84
Efficiency	%	88.49	88.90	87.16
Unit Output	MKB	938.7	645.6	645.6
Fuel Input	MKB	1060.8	726.2	740.7
Fuel Rate	MLB/HR	89.3	61.1	78.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W2 : 11/16/92 : 1403-1559 : 78 MW

JDR-121692

		CONTRACT SUMMARY SHEET	TEST W3 CORRECTED FOR CONTR. CONDITIONS	TEST W3 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	941	935
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	128.9
Gas Temp Lvg Econ	F	676.2	739.2	739.2
Gas Flow Ent AH	MLB/HR	1022	1042	1063
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	315.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	338.0	324.7
Excess Air Lvg Econ	%	17.0	17.0	16.1
Excess Air Lvg AH	%	---	---	22.6
Excess Air to Burners	%	15.0	15.0	14.1
AH Leakage	MLB/HR	0	---	54
Moisture In Air	LB/LB DA	.0049	.0049	.0051
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.868	8.448
Dry Air Wt to Burners	LB/LB Fuel	---	10.287	7.910
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.446	9.040
Losses	%			
Dry Gas		4.16	4.66	4.26
H2O in Fuel		(2) 4.92	1.24	3.09
H2 in Fuel		---	3.72	3.47
Moisture in Air		.04	.04	.04
Unburned Combustible		.10	.09	.09
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.04	13.24
Efficiency	%	88.49	87.96	86.76
Unit Output	MKB	938.7	951.3	951.3
Fuel Input	MKB	1060.8	1081.5	1096.5
Fuel Rate	MLB/HR	89.3	91.1	117.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W3 : 11/17/92 : 1136-1329 : 110 MW JDR-121692

		CONTRACT SUMMARY SHEET	TEST W4 CORRECTED FOR CONTR. CONDITIONS	TEST W4 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	914	911
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	119.7
Gas Temp Lvg Econ	F	676.2	698.8	698.8
Gas Flow Ent AH	MLB/HR	1022	1012	1038
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~298.6~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	322.6	312.5
Excess Air Lvg Econ	%	17.0	17.0	20.3
Excess Air Lvg AH	%	---	---	31.5
Excess Air to Burners	%	15.0	15.0	18.3
AH Leakage	MLB/HR	0	---	86
Moisture In Air	LB/LB DA	.0049	.0049	.0034
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.817	8.288
Dry Air Wt to Burners	LB/LB Fuel	---	10.240	7.755
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.394	8.865
Losses	%			
Dry Gas		4.16	4.30	4.18
H2O in Fuel		(2) 4.92	1.23	3.23
H2 in Fuel		---	3.70	3.45
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.52	.52
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.09	13.71
Efficiency	%	88.49	87.91	86.29
Unit Output	MKB	938.7	926.9	926.9
Fuel Input	MKB	1060.8	1054.4	1074.2
Fuel Rate	MLB/HR	89.3	88.8	117.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W4 : 11/19/92 : 0823-1017 : 110 MW JDR-121692

		CONTRACT SUMMARY SHEET	TEST W5 CORRECTED FOR CONTR. CONDITIONS	TEST W5 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	936	932
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	122.8
Gas Temp Lvg Econ	F	676.2	716.3	716.3
Gas Flow Ent AH	MLB/HR	1022	1036	1063
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	311.0
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	329.7	323.8
Excess Air Lvg Econ	%	17.0	17.0	15.8
Excess Air Lvg AH	%	---	---	25.3
Excess Air to Burners	%	15.0	15.0	13.8
AH Leakage	MLB/HR	0	---	77
Moisture In Air	LB/LB DA	.0049	.0049	.0039
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.866	8.172
Dry Air Wt to Burners	LB/LB Fuel	---	10.286	7.690
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.444	8.810
Losses	%			
Dry Gas		4.16	4.48	4.31
H2O in Fuel		(2) 4.92	1.24	3.31
H2 in Fuel		---	3.71	4.10
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.10	.10
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.86	14.14
Efficiency	%	88.49	88.14	85.86
Unit Output	MKB	938.7	948.1	948.1
Fuel Input	MKB	1060.8	1075.7	1104.2
Fuel Rate	MLB/HR	89.3	90.6	120.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W5 : 11/19/92 : 1223-1407 : 110 MW JDR-122192

		CONTRACT SUMMARY SHEET	TEST W6 CORRECTED FOR CONTR. CONDITIONS	TEST W6 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	667	665
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	126.3
Gas Temp Lvg Econ	F	676.2	658.0	658.0
Gas Flow Ent AH	MLB/HR	1022	738	765
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	290.3
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	297.6	299.5
Excess Air Lvg Econ	%	17.0	17.0	16.5
Excess Air Lvg AH	%	---	---	24.3
Excess Air to Burners	%	15.0	15.0	13.7
AH Leakage	MLB/HR	0	---	46
Moisture In Air	LB/LB DA	.0049	.0049	.0039
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.832	8.100
Dry Air Wt to Burners	LB/LB Fuel	---	10.254	7.558
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.410	8.721
Losses	%			
Dry Gas		4.16	3.76	3.74
H2O in Fuel		(2) 4.92	1.22	3.36
H2 in Fuel		---	3.66	3.86
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.39	.39
Radiation		.79	1.09	1.09
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.65	13.97
Efficiency	%	88.49	88.35	86.03
Unit Output	MKB	938.7	679.1	679.1
Fuel Input	MKB	1060.8	768.6	789.4
Fuel Rate	MLB/HR	89.3	64.7	87.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W6 : 11/19/92 : 1541-1725 : 83 MW

JDR-122192

		CONTRACT SUMMARY SHEET	TEST W7 CORRECTED FOR CONTR. CONDITIONS	TEST W7 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	495	485
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	146.3
Gas Temp Lvg Econ	F	676.2	608.3	608.3
Gas Flow Ent AH	MLB/HR	1022	548	563
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	282.4
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	272.5	294.8
Excess Air Lvg Econ	%	17.0	17.0	14.3
Excess Air Lvg AH	%	---	---	26.8
Excess Air to Burners	%	15.0	15.0	10.6
AH Leakage	MLB/HR	0	---	55
Moisture In Air	LB/LB DA	.0049	.0049	.0063
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.821	8.006
Dry Air Wt to Burners	LB/LB Fuel	---	10.244	7.410
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.399	8.660
Losses	%			
Dry Gas		4.16	3.21	3.16
H2O in Fuel		(2) 4.92	1.21	3.34
H2 in Fuel		---	3.62	3.89
Moisture in Air		.04	.03	.04
Unburned Combustible		.10	.48	.48
Radiation		.79	1.47	1.47
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.52	13.88
Efficiency	%	88.49	88.48	86.12
Unit Output	MKB	938.7	505.4	505.4
Fuel Input	MKB	1060.8	571.2	586.9
Fuel Rate	MLB/HR	89.3	48.1	65.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W7 : 11/20/92 : 1354-1558 : 61 MW JDR-122192

		CONTRACT SUMMARY SHEET	TEST W8 CORRECTED FOR CONTR. CONDITIONS	TEST W8 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	652	634
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	140.2
Gas Temp Lvg Econ	F	676.2	646.7	646.7
Gas Flow Ent AH	MLB/HR	1022	722	732
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	287.0
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	293.2	297.4
Excess Air Lvg Econ	%	17.0	17.0	14.8
Excess Air Lvg AH	%	---	---	24.6
Excess Air to Burners	%	15.0	15.0	12.0
AH Leakage	MLB/HR	0	---	55
Moisture In Air	LB/LB DA	.0049	.0049	.0060
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.841	7.867
Dry Air Wt to Burners	LB/LB Fuel	---	10.263	7.319
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.419	8.505
Losses	%			
Dry Gas		4.16	3.67	3.32
H2O in Fuel		(2) 4.92	1.22	3.47
H2 in Fuel		---	3.65	3.75
Moisture in Air		.04	.03	.04
Unburned Combustible		.10	.31	.31
Radiation		.79	1.11	1.11
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.49	13.50
Efficiency	%	88.49	88.51	86.50
Unit Output	MKB	938.7	664.5	664.5
Fuel Input	MKB	1060.8	750.8	768.2
Fuel Rate	MLB/HR	89.3	63.2	86.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W8 : 11/20/92 : 1753-1904 : 81 MW

JDR-122192

		CONTRACT SUMMARY SHEET	TEST W9 CORRECTED FOR CONTR. CONDITIONS	TEST W9 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	366	369
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	152.9
Gas Temp Lvg Econ	F	676.2	586.3	586.3
Gas Flow Ent AH	MLB/HR	1022	405	430
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	283.6
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	257.6	299.6
Excess Air Lvg Econ	%	17.0	17.0	20.4
Excess Air Lvg AH	%	---	---	37.8
Excess Air to Burners	%	15.0	15.0	15.4
AH Leakage	MLB/HR	0	---	56
Moisture In Air	LB/LB DA	.0049	.0049	.0062
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.871	8.524
Dry Air Wt to Burners	LB/LB Fuel	---	10.290	7.807
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.449	9.151
Losses	%			
Dry Gas		4.16	2.90	3.26
H2O in Fuel		(2) 4.92	1.20	3.12
H2 in Fuel		---	3.60	3.61
Moisture in Air		.04	.03	.04
Unburned Combustible		.10	.06	.06
Radiation		.79	1.99	1.99
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.28	13.58
Efficiency	%	88.49	88.72	86.42
Unit Output	MKB	938.7	373.0	373.0
Fuel Input	MKB	1060.8	420.4	431.6
Fuel Rate	MLB/HR	89.3	35.4	46.9

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST W10 CORRECTED FOR CONTR. CONDITIONS	TEST W10 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	667	638
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	130.7
Gas Temp Lvg Econ	F	676.2	660.7	660.7
Gas Flow Ent AH	MLB/HR	1022	738	734
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~288.0~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	298.5	297.9
Excess Air Lvg Econ	%	17.0	17.0	20.8
Excess Air Lvg AH	%	---	---	29.8
Excess Air to Burners	%	15.0	15.0	18.0
AH Leakage	MLB/HR	0	---	49
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.824	8.071
Dry Air Wt to Burners	LB/LB Fuel	---	10.247	7.450
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.402	8.600
Losses	%			
Dry Gas		4.16	3.78	3.56
H2O in Fuel		(2) 4.92	1.22	3.18
H2 in Fuel		---	3.66	2.91
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.46	.46
Radiation		.79	1.09	1.09
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.74	12.72
Efficiency	%	88.49	88.26	87.28
Unit Output	MKB	938.7	678.7	678.7
Fuel Input	MKB	1060.8	769.0	777.6
Fuel Rate	MLB/HR	89.3	64.7	85.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W10 : 11/30/92 : 1403-1515 : 83 MW

JDR-122192

		CONTRACT SUMMARY SHEET	TEST W11 CORRECTED FOR CONTR. CONDITIONS	TEST W11 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	672	658
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	131.5
Gas Temp Lvg Econ	F	676.2	662.5	662.5
Gas Flow Ent AH	MLB/HR	1022	744	756
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	289.5
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	299.3	300.3
Excess Air Lvg Econ	%	17.0	17.0	19.2
Excess Air Lvg AH	%	---	---	28.9
Excess Air to Burners	%	15.0	15.0	16.5
AH Leakage	MLB/HR	0	---	54
Moisture In Air	LB/LB DA	.0049	.0049	.0032
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.853	8.199
Dry Air Wt to Burners	LB/LB Fuel	---	10.274	7.617
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.431	8.775
Losses	%			
Dry Gas		4.16	3.81	3.64
H2O in Fuel		(2) 4.92	1.22	3.19
H2 in Fuel		---	3.66	3.42
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.21	.21
Radiation		.79	1.08	1.08
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.51	13.06
Efficiency	%	88.49	88.49	86.94
Unit Output	MKB	938.7	683.7	683.7
Fuel Input	MKB	1060.8	772.6	786.4
Fuel Rate	MLB/HR	89.3	65.1	86.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W11 : 11/30/92 : 1627-1729 : 83 MW JDR-122192

		CONTRACT SUMMARY SHEET	TEST W12 CORRECTED FOR CONTR. CONDITIONS	TEST W12 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	921	928
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	119.8
Gas Temp Lvg Econ	F	676.2	727.5	727.5
Gas Flow Ent AH	MLB/HR	1022	1020	1057
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~309.5~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	333.0	323.4
Excess Air Lvg Econ	%	17.0	17.0	19.9
Excess Air Lvg AH	%	---	---	30.3
Excess Air to Burners	%	15.0	15.0	17.8
AH Leakage	MLB/HR	0	---	82
Moisture In Air	LB/LB DA	.0049	.0049	.0025
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.850	8.329
Dry Air Wt to Burners	LB/LB Fuel	---	10.271	7.801
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.428	8.909
Losses	%			
Dry Gas		4.16	4.54	4.46
H2O in Fuel		(2) 4.92	1.24	3.29
H2 in Fuel		---	3.72	3.57
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.24	.24
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.07	13.87
Efficiency	%	88.49	87.93	86.13
Unit Output	MKB	938.7	932.4	932.4
Fuel Input	MKB	1060.8	1060.4	1082.5
Fuel Rate	MLB/HR	89.3	89.3	118.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST W13 CORRECTED FOR CONTR. CONDITIONS	TEST W13 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	935	925
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	122.4
Gas Temp Lvg Econ	F	676.2	756.7	756.7
Gas Flow Ent AH	MLB/HR	1022	1035	1055
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	312.9
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	343.8	321.6
Excess Air Lvg Econ	%	17.0	17.0	18.3
Excess Air Lvg AH	%	---	---	24.7
Excess Air to Burners	%	15.0	15.0	16.3
AH Leakage	MLB/HR	0	---	51
Moisture In Air	LB/LB DA	.0049	.0049	.0027
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.869	8.239
Dry Air Wt to Burners	LB/LB Fuel	---	10.288	7.711
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.447	8.820
Losses	%			
Dry Gas		4.16	4.79	4.32
H2O in Fuel		(2) 4.92	1.25	3.28
H2 in Fuel		---	3.73	3.56
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.08	.08
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.18	13.55
Efficiency	%	88.49	87.82	86.45
Unit Output	MKB	938.7	943.2	943.2
Fuel Input	MKB	1060.8	1074.0	1091.0
Fuel Rate	MLB/HR	89.3	90.4	119.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W13 : 12/01/92 : 1129-1230 : 110 MW JDR-122192

		CONTRACT SUMMARY SHEET	TEST W14 CORRECTED FOR CONTR. CONDITIONS	TEST W14 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	466	463
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	138.2
Gas Temp Lvg Econ	F	676.2	609.1	609.1
Gas Flow Ent AH	MLB/HR	1022	516	536
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~286.6~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	271.0	299.2
Excess Air Lvg Econ	%	17.0	17.0	19.9
Excess Air Lvg AH	%	---	---	32.0
Excess Air to Burners	%	15.0	15.0	16.0
AH Leakage	MLB/HR	0	---	48
Moisture In Air	LB/LB DA	.0049	.0049	.0035
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.853	8.313
Dry Air Wt to Burners	LB/LB Fuel	---	10.274	7.657
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.431	8.899
Losses	%			
Dry Gas		4.16	3.19	3.52
H2O in Fuel		(2) 4.92	1.21	3.19
H2 in Fuel		---	3.62	3.49
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.21	.21
Radiation		.79	1.56	1.56
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.32	13.49
Efficiency	%	88.49	88.68	86.51
Unit Output	MKB	938.7	475.7	475.7
Fuel Input	MKB	1060.8	536.4	549.9
Fuel Rate	MLB/HR	89.3	45.2	60.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST W15 CORRECTED FOR CONTR. CONDITIONS	TEST W15 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	912	919
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.6
Gas Temp Lvg Econ	F	676.2	696.9	696.9
Gas Flow Ent AH	MLB/HR	1022	1010	1046
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	296.5
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	321.9	310.0
Excess Air Lvg Econ	%	17.0	17.0	20.1
Excess Air Lvg AH	%	---	---	31.2
Excess Air to Burners	%	15.0	15.0	18.1
AH Leakage	MLB/HR	0	---	87
Moisture In Air	LB/LB DA	.0049	.0049	.0029
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.852	8.352
Dry Air Wt to Burners	LB/LB Fuel	---	10.273	7.823
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.430	8.932
Losses	%			
Dry Gas		4.16	4.30	4.10
H2O in Fuel		(2) 4.92	1.23	3.28
H2 in Fuel		---	3.70	3.49
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.22	.22
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.79	13.41
Efficiency	%	88.49	88.21	86.59
Unit Output	MKB	938.7	925.4	925.4
Fuel Input	MKB	1060.8	1049.1	1068.7
Fuel Rate	MLB/HR	89.3	88.3	117.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST W16 CORRECTED FOR CONTR. CONDITIONS	TEST W16 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	933	909
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	125.1
Gas Temp Lvg Econ	F	676.2	741.0	741.0
Gas Flow Ent AH	MLB/HR	1022	1033	1038
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~311.0~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	338.2	319.7
Excess Air Lvg Econ	%	17.0	17.0	16.5
Excess Air Lvg AH	%	---	---	23.0
Excess Air to Burners	%	15.0	15.0	14.5
AH Leakage	MLB/HR	0	---	52
Moisture In Air	LB/LB DA	.0049	.0049	.0028
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.830	8.094
Dry Air Wt to Burners	LB/LB Fuel	---	10.252	7.568
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.407	8.672
Losses	%			
Dry Gas		4.16	4.65	4.14
H2O in Fuel		(2) 4.92	1.24	3.29
H2 in Fuel		---	3.72	3.50
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.41	.41
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.35	13.65
Efficiency	%	88.49	87.65	86.35
Unit Output	MKB	938.7	943.1	943.1
Fuel Input	MKB	1060.8	1076.0	1092.2
Fuel Rate	MLB/HR	89.3	90.6	119.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W16 : 12/02/92 : 1059-1223 : 109 MW JDR-122192

		CONTRACT SUMMARY SHEET	TEST W17 CORRECTED FOR CONTR. CONDITIONS	TEST W17 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	931	914
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	126.8
Gas Temp Lvg Econ	F	676.2	738.2	738.2
Gas Flow Ent AH	MLB/HR	1022	1031	1043
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~311.3~~
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~337.1~~	~~318.9~~
Excess Air Lvg Econ	%	17.0	17.0	17.7
Excess Air Lvg AH	%	---	---	23.5
Excess Air to Burners	%	15.0	15.0	15.7
AH Leakage	MLB/HR	0	---	46
Moisture In Air	LB/LB DA	.0049	.0049	.0029
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.826	8.164
Dry Air Wt to Burners	LB/LB Fuel	---	10.249	7.637
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.404	8.741
Losses	%			
Dry Gas		4.16	4.63	4.13
H2O in Fuel		(2) 4.92	1.24	3.27
H2 in Fuel		---	3.72	3.48
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.44	.44
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.36	13.63
Efficiency	%	88.49	87.64	86.37
Unit Output	MKB	938.7	940.7	940.7
Fuel Input	MKB	1060.8	1073.4	1089.2
Fuel Rate	MLB/HR	89.3	90.4	119.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST W18 CORRECTED FOR CONTR. CONDITIONS	TEST W18 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	927	945
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	120.4
Gas Temp Lvg Econ	F	676.2	697.1	697.1
Gas Flow Ent AH	MLB/HR	1022	1026	1072
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	292.9
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	322.6	301.1
Excess Air Lvg Econ	%	17.0	17.0	19.6
Excess Air Lvg AH	%	---	---	26.3
Excess Air to Burners	%	15.0	15.0	17.6
AH Leakage	MLB/HR	0	---	54
Moisture In Air	LB/LB DA	.0049	.0049	.0025
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.845	8.575
Dry Air Wt to Burners	LB/LB Fuel	---	10.266	8.043
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.423	9.148
Losses	%			
Dry Gas		4.16	4.31	4.02
H2O in Fuel		(2) 4.92	1.23	3.14
H2 in Fuel		---	3.70	3.49
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.28	.28
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.85	13.24
Efficiency	%	88.49	88.15	86.76
Unit Output	MKB	938.7	940.8	940.8
Fuel Input	MKB	1060.8	1067.3	1084.4
Fuel Rate	MLB/HR	89.3	89.9	117.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST W19 CORRECTED FOR CONTR. CONDITIONS	TEST W19 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	936	963
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.1
Gas Temp Lvg Econ	F	676.2	703.6	703.6
Gas Flow Ent AH	MLB/HR	1022	1036	1092
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	307.7
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	325.2	320.9
Excess Air Lvg Econ	%	17.0	17.0	20.2
Excess Air Lvg AH	%	---	---	30.4
Excess Air to Burners	%	15.0	15.0	18.2
AH Leakage	MLB/HR	0	---	83
Moisture In Air	LB/LB DA	.0049	.0049	.0027
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.845	8.615
Dry Air Wt to Burners	LB/LB Fuel	---	10.266	8.084
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.423	9.191
Losses	%			
Dry Gas		4.16	4.37	4.42
H2O in Fuel		(2) 4.92	1.24	3.16
H2 in Fuel		---	3.70	3.51
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.28	.28
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.92	13.68
Efficiency	%	88.49	88.08	86.32
Unit Output	MKB	938.7	949.2	949.2
Fuel Input	MKB	1060.8	1077.7	1099.6
Fuel Rate	MLB/HR	89.3	90.7	118.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W19 : 12/03/92 : 1212-1314 : 111 MW

JDR-011193

		CONTRACT SUMMARY SHEET	TEST W20 CORRECTED FOR CONTR. CONDITIONS	TEST W20 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	942	951
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.8
Gas Temp Lvg Econ	F	676.2	700.8	700.8
Gas Flow Ent AH	MLB/HR	1022	1043	1080
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	302.2
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	324.4	309.2
Excess Air Lvg Econ	%	17.0	17.0	18.5
Excess Air Lvg AH	%	---	---	24.0
Excess Air to Burners	%	15.0	15.0	16.5
AH Leakage	MLB/HR	0	---	45
Moisture In Air	LB/LB DA	.0049	.0049	.0028
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.852	8.503
Dry Air Wt to Burners	LB/LB Fuel	---	10.273	7.970
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.430	9.079
Losses	%			
Dry Gas		4.16	4.36	4.09
H2O in Fuel		(2) 4.92	1.24	3.14
H2 in Fuel		---	3.70	3.49
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.22	.22
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.85	13.25
Efficiency	%	88.49	88.15	86.75
Unit Output	MKB	938.7	955.2	955.2
Fuel Input	MKB	1060.8	1083.6	1101.1
Fuel Rate	MLB/HR	89.3	91.2	119.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W20 : 12/03/92 : 1642-1736 : 110 MW

JDR-011193

		CONTRACT SUMMARY SHEET	TEST W21 CORRECTED FOR CONTR. CONDITIONS	TEST W21 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	937	951
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.5
Gas Temp Lvg Econ	F	676.2	714.2	714.2
Gas Flow Ent AH	MLB/HR	1022	1037	1080
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	311.4
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	329.0	322.7
Excess Air Lvg Econ	%	17.0	17.0	18.8
Excess Air Lvg AH	%	---	---	27.2
Excess Air to Burners	%	15.0	15.0	16.8
AH Leakage	MLB/HR	0	---	68
Moisture In Air	LB/LB DA	.0049	.0049	.0027
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.852	8.525
Dry Air Wt to Burners	LB/LB Fuel	---	10.273	7.993
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.430	9.100
Losses	%			
Dry Gas		4.16	4.46	4.40
H2O in Fuel		(2) 4.92	1.24	3.16
H2 in Fuel		---	3.71	3.51
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.22	.22
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.96	13.60
Efficiency	%	88.49	88.04	86.40
Unit Output	MKB	938.7	949.0	949.0
Fuel Input	MKB	1060.8	1077.9	1098.4
Fuel Rate	MLB/HR	89.3	90.8	118.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W21 : 12/03/92 : 1859-1953 : 110 MW JDR-011193

		CONTRACT SUMMARY SHEET	TEST W22 CORRECTED FOR CONTR. CONDITIONS	TEST W22 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	923	934
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	117.6
Gas Temp Lvg Econ	F	676.2	673.4	673.4
Gas Flow Ent AH	MLB/HR	1022	1022	1060
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	295.6
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~314.1~~	~~308.4~~
Excess Air Lvg Econ	%	17.0	17.0	22.1
Excess Air Lvg AH	%	---	---	32.5
Excess Air to Burners	%	15.0	15.0	20.1
AH Leakage	MLB/HR	0	---	81
Moisture In Air	LB/LB DA	.0049	.0049	.0023
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.852	8.517
Dry Air Wt to Burners	LB/LB Fuel	---	10.273	7.978
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.430	9.077
Losses	%			
Dry Gas		4.16	4.13	4.21
H2O in Fuel		(2) 4.92	1.23	3.18
H2 in Fuel		---	3.69	3.33
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.22	.22
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.60	13.25
Efficiency	%	88.49	88.40	86.75
Unit Output	MKB	938.7	938.7	938.7
Fuel Input	MKB	1060.8	1061.9	1082.1
Fuel Rate	MLB/HR	89.3	89.4	116.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W22 : 12/04/92 : 0934-0944 : 109 MW

JDR-011193

		CONTRACT SUMMARY SHEET	TEST W23 CORRECTED FOR CONTR. CONDITIONS	TEST W23 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	1010	968
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	119.9
Gas Temp Lvg Econ	F	676.2	714.6	714.6
Gas Flow Ent AH	MLB/HR	1022	1118	1105
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	299.8
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~332.0~~	~~306.9~~
Excess Air Lvg Econ	%	17.0	17.0	16.7
Excess Air Lvg AH	%	---	---	22.2
Excess Air to Burners	%	15.0	15.0	14.7
AH Leakage	MLB/HR	0	---	46
Moisture In Air	LB/LB DA	.0049	.0049	.0023
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.803	8.121
Dry Air Wt to Burners	LB/LB Fuel	---	10.228	7.585
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.381	8.680
Losses	%			
Dry Gas		4.16	4.50	3.93
H2O in Fuel		(2) 4.92	1.24	3.17
H2 in Fuel		---	3.71	3.32
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.63	.63
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.41	13.36
Efficiency	%	88.49	87.59	86.64
Unit Output	MKB	938.7	1021.8	1021.8
Fuel Input	MKB	1060.8	1166.6	1179.4
Fuel Rate	MLB/HR	89.3	98.2	127.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W23 : 12/04/92 : 1120-1244 : 118 MW

JDR-011193

		CONTRACT SUMMARY SHEET	TEST W24 CORRECTED FOR CONTR. CONDITIONS	TEST W24 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	488	457
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	135.4
Gas Temp Lvg Econ	F	676.2	631.5	631.5
Gas Flow Ent AH	MLB/HR	1022	540	531
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	287.6
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~279.2~~	~~303.1~~
Excess Air Lvg Econ	%	17.0	17.0	14.9
Excess Air Lvg AH	%	---	---	28.9
Excess Air to Burners	%	15.0	15.0	11.2
AH Leakage	MLB/HR	0	---	57
Moisture In Air	LB/LB DA	.0049	.0049	.0027
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.774	7.980
Dry Air Wt to Burners	LB/LB Fuel	---	10.201	7.329
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.351	8.542
Losses	%			
Dry Gas		4.16	3.34	3.47
H2O in Fuel		(2) 4.92	1.21	3.12
H2 in Fuel		---	3.63	3.27
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.88	.88
Radiation		.79	1.49	1.49
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.08	13.75
Efficiency	%	88.49	87.92	86.25
Unit Output	MKB	938.7	496.6	496.6
Fuel Input	MKB	1060.8	564.8	575.8
Fuel Rate	MLB/HR	89.3	47.6	62.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST W25 CORRECTED FOR CONTR. CONDITIONS	TEST W25 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	506	495
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	127.9
Gas Temp Lvg Econ	F	676.2	624.9	624.9
Gas Flow Ent AH	MLB/HR	1022	561	571
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	275.5
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	278.3	288.5
Excess Air Lvg Econ	%	17.0	17.0	19.7
Excess Air Lvg AH	%	---	---	32.1
Excess Air to Burners	%	15.0	15.0	16.1
AH Leakage	MLB/HR	0	---	53
Moisture In Air	LB/LB DA	.0049	.0049	.0022
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.852	8.356
Dry Air Wt to Burners	LB/LB Fuel	---	10.273	7.709
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.430	8.915
Losses	%			
Dry Gas		4.16	3.35	3.48
H2O in Fuel		(2) 4.92	1.21	3.12
H2 in Fuel		---	3.63	3.27
Moisture in Air		.04	.03	.01
Unburned Combustible		.10	.22	.22
Radiation		.79	1.43	1.43
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.37	13.03
Efficiency	%	88.49	88.63	86.97
Unit Output	MKB	938.7	516.3	516.3
Fuel Input	MKB	1060.8	582.5	593.7
Fuel Rate	MLB/HR	89.3	49.0	64.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W25 : 12/05/92 : 1157-1300 : 61 MW

JDR-011193

		CONTRACT SUMMARY SHEET	TEST W26 CORRECTED FOR CONTR. CONDITIONS	TEST W26 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	897	902
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	120.6
Gas Temp Lvg Econ	F	676.2	711.8	711.8
Gas Flow Ent AH	MLB/HR	1022	993	1024
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	301.4
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	326.5	314.6
Excess Air Lvg Econ	%	17.0	17.0	19.9
Excess Air Lvg AH	%	---	---	30.3
Excess Air to Burners	%	15.0	15.0	17.8
AH Leakage	MLB/HR	0	---	79
Moisture In Air	LB/LB DA	.0049	.0049	.0026
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.845	8.521
Dry Air Wt to Burners	LB/LB Fuel	---	10.266	7.977
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.423	9.083
Losses	%			
Dry Gas		4.16	4.40	4.26
H2O in Fuel		(2) 4.92	1.24	3.11
H2 in Fuel		---	3.71	3.37
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.28	.28
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.98	13.35
Efficiency	%	88.49	88.02	86.65
Unit Output	MKB	938.7	909.0	909.0
Fuel Input	MKB	1060.8	1032.7	1049.0
Fuel Rate	MLB/HR	89.3	87.0	112.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W26 : 12/07/92 : 0839-0850 : 110 MW JDR-011193

		CONTRACT SUMMARY SHEET	TEST W27 CORRECTED FOR CONTR. CONDITIONS	TEST W27 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	905	897
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.3
Gas Temp Lvg Econ	F	676.2	706.2	706.2
Gas Flow Ent AH	MLB/HR	1022	1002	1021
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	310.4
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	324.8	320.5
Excess Air Lvg Econ	%	17.0	17.0	18.2
Excess Air Lvg AH	%	---	---	25.8
Excess Air to Burners	%	15.0	15.0	16.2
AH Leakage	MLB/HR	0	---	59
Moisture In Air	LB/LB DA	.0049	.0049	.0027
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.852	8.412
Dry Air Wt to Burners	LB/LB Fuel	---	10.273	7.868
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.430	8.974
Losses	%			
Dry Gas		4.16	4.37	4.28
H2O in Fuel		(2) 4.92	1.24	3.11
H2 in Fuel		---	3.70	3.37
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.22	.22
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.88	13.31
Efficiency	%	88.49	88.12	86.69
Unit Output	MKB	938.7	917.4	917.4
Fuel Input	MKB	1060.8	1041.1	1058.3
Fuel Rate	MLB/HR	89.3	87.7	113.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W27 : 12/07/92 : 0954-1015 : 110 MW

JDR-011193

		CONTRACT SUMMARY SHEET	TEST W28 CORRECTED FOR CONTR. CONDITIONS	TEST W28 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	906	914
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	124.4
Gas Temp Lvg Econ	F	676.2	746.4	746.4
Gas Flow Ent AH	MLB/HR	1022	1003	1037
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	309.3
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	338.9	317.9
Excess Air Lvg Econ	%	17.0	17.0	20.7
Excess Air Lvg AH	%	---	---	27.3
Excess Air to Burners	%	15.0	15.0	18.7
AH Leakage	MLB/HR	0	---	51
Moisture In Air	LB/LB DA	.0049	.0049	.0027
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.852	8.583
Dry Air Wt to Burners	LB/LB Fuel	---	10.273	8.039
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.430	9.146
Losses	%			
Dry Gas		4.16	4.68	4.28
H2O in Fuel		(2) 4.92	1.24	3.10
H2 in Fuel		---	3.72	3.36
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.22	.22
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.21	13.29
Efficiency	%	88.49	87.79	86.71
Unit Output	MKB	938.7	914.8	914.8
Fuel Input	MKB	1060.8	1042.0	1055.0
Fuel Rate	MLB/HR	89.3	87.7	113.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST W28 : 12/07/92 : 1140-1201 : 110 MW JDR-011193

		CONTRACT SUMMARY SHEET	TEST W29 CORRECTED FOR CONTR. CONDITIONS	TEST W29 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	496	475
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	139.3
Gas Temp Lvg Econ	F	676.2	632.0	632.0
Gas Flow Ent AH	MLB/HR	1022	549	551
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	293.2
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	279.9	308.2
Excess Air Lvg Econ	%	17.0	17.0	15.6
Excess Air Lvg AH	%	---	---	28.9
Excess Air to Burners	%	15.0	15.0	11.9
AH Leakage	MLB/HR	0	---	57
Moisture In Air	LB/LB DA	.0049	.0049	.0032
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.809	8.200
Dry Air Wt to Burners	LB/LB Fuel	---	10.234	7.546
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.387	8.765
Losses	%			
Dry Gas		4.16	3.37	3.57
H2O in Fuel		(2) 4.92	1.21	3.05
H2 in Fuel		---	3.63	3.30
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.58	.58
Radiation		.79	1.46	1.46
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.78	13.48
Efficiency	%	88.49	88.22	86.52
Unit Output	MKB	938.7	505.6	505.6
Fuel Input	MKB	1060.8	573.1	584.4
Fuel Rate	MLB/HR	89.3	48.3	62.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST W30 CORRECTED FOR CONTR. CONDITIONS	TEST W30 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	499	494
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	140.6
Gas Temp Lvg Econ	F	676.2	638.7	638.7
Gas Flow Ent AH	MLB/HR	1022	552	568
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	284.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	282.1	298.5
Excess Air Lvg Econ	%	17.0	17.0	20.5
Excess Air Lvg AH	%	---	---	34.0
Excess Air to Burners	%	15.0	15.0	16.8
AH Leakage	MLB/HR	0	---	57
Moisture In Air	LB/LB DA	.0049	.0049	.0034
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.865	8.554
Dry Air Wt to Burners	LB/LB Fuel	---	10.285	7.912
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.443	9.137
Losses	%			
Dry Gas		4.16	3.43	3.45
H2O in Fuel		(2) 4.92	1.21	2.99
H2 in Fuel		---	3.64	3.44
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.11	.11
Radiation		.79	1.46	1.46
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.38	12.97
Efficiency	%	88.49	88.62	87.03
Unit Output	MKB	938.7	508.0	508.0
Fuel Input	MKB	1060.8	573.2	583.7
Fuel Rate	MLB/HR	89.3	48.3	62.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

		CONTRACT SUMMARY SHEET	TEST BS1 CORRECTED FOR CONTR. CONDITIONS	TEST BS1 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	917	945
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	131.1
Gas Temp Lvg Econ	F	676.2	686.5	686.5
Gas Flow Ent AH	MLB/HR	1022	1015	1053
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	303.8
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~318.4~~	~~317.8~~
Excess Air Lvg Econ	%	17.0	17.0	19.3
Excess Air Lvg AH	%	---	---	30.5
Excess Air to Burners	%	15.0	15.0	17.3
AH Leakage	MLB/HR	0	---	90
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.863	10.092
Dry Air Wt to Burners	LB/LB Fuel	---	10.282	9.586
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.441	10.716
Losses	%			
Dry Gas		4.16	4.23	4.17
H2O in Fuel		(2) 4.92	1.23	1.97
H2 in Fuel		---	3.69	4.00
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.13	.13
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.62	12.60
Efficiency	%	88.49	88.38	87.40
Unit Output	MKB	938.7	931.2	931.2
Fuel Input	MKB	1060.8	1053.6	1065.4
Fuel Rate	MLB/HR	89.3	88.7	98.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST BS1 : 11/21/91 : 1458-1714 : 110 MW : BASELINE NO REBURN JDR-071092

		CONTRACT SUMMARY SHEET	TEST BS2 CORRECTED FOR CONTR. CONDITIONS	TEST BS2 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	895	929
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	110.5
Gas Temp Lvg Econ	F	676.2	659.7	659.7
Gas Flow Ent AH	MLB/HR	1022	991	1034
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	285.1
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	308.3	297.8
Excess Air Lvg Econ	%	17.0	17.0	19.7
Excess Air Lvg AH	%	---	---	29.7
Excess Air to Burners	%	15.0	15.0	17.6
AH Leakage	MLB/HR	0	---	79
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.860	10.119
Dry Air Wt to Burners	LB/LB Fuel	---	10.280	9.609
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.438	10.743
Losses	%			
Dry Gas		4.16	4.01	4.19
H2O in Fuel		(2) 4.92	1.23	1.99
H2 in Fuel		---	3.68	4.04
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.15	.15
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.42	12.71
Efficiency	%	88.49	88.58	87.29
Unit Output	MKB	938.7	911.5	911.5
Fuel Input	MKB	1060.8	1029.0	1044.2
Fuel Rate	MLB/HR	89.3	86.6	96.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST BS2 : 11/25/91 : 1005-1335 : 110 MW : BASELINE NO REBURN JDR-071092

		CONTRACT SUMMARY SHEET	TEST 4 CORRECTED FOR CONTR. CONDITIONS	TEST 4 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	913	972
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.6
Gas Temp Lvg Econ	F	676.2	745.1	745.1
Gas Flow Ent AH	MLB/HR	1022	1011	1075
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	301.9
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	338.8	313.2
Excess Air Lvg Econ	%	17.0	17.0	24.1
Excess Air Lvg AH	%	---	---	33.0
Excess Air to Burners	%	15.0	15.0	22.0
AH Leakage	MLB/HR	0	---	71
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.863	10.825
Dry Air Wt to Burners	LB/LB Fuel	---	10.282	10.278
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.441	11.417
Losses	%			
Dry Gas		4.16	4.68	4.41
H2O in Fuel		(2) 4.92	1.24	1.65
H2 in Fuel		---	3.72	3.82
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.13	.13
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.11	12.34
Efficiency	%	88.49	87.89	87.66
Unit Output	MKB	938.7	922.0	922.0
Fuel Input	MKB	1060.8	1049.0	1051.8
Fuel Rate	MLB/HR	89.3	88.3	94.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 4 : 04/03/92 : 0902-1131 : 110 MW : NO REBURN : B&W TRAVERSE JDR-071092

		CONTRACT SUMMARY SHEET	TEST 4A CORRECTED FOR CONTR. CONDITIONS	TEST 4A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	931	986
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	127.8
Gas Temp Lvg Econ	F	676.2	782.2	782.2
Gas Flow Ent AH	MLB/HR	1022	1031	1092
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	315.7
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	352.6	328.0
Excess Air Lvg Econ	%	17.0	17.0	23.6
Excess Air Lvg AH	%	---	---	32.9
Excess Air to Burners	%	15.0	15.0	21.6
AH Leakage	MLB/HR	0	---	75
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.872	10.793
Dry Air Wt to Burners	LB/LB Fuel	---	10.291	10.248
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.450	11.385
Losses	%			
Dry Gas		4.16	4.98	4.64
H2O in Fuel		(2) 4.92	1.25	1.65
H2 in Fuel		---	3.75	3.83
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.05	.05
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.36	12.49
Efficiency	%	88.49	87.64	87.51
Unit Output	MKB	938.7	937.1	937.1
Fuel Input	MKB	1060.8	1069.3	1070.8
Fuel Rate	MLB/HR	89.3	90.0	95.9

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 4A : 04/03/92 : 1205-1401 : 111 MW : NO REBURN :ACCUREX TRAV JDR-071092

		CONTRACT SUMMARY SHEET	TEST 4AA CORRECTED FOR CONTR. CONDITIONS	TEST 4AA WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	923	973
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	133.1
Gas Temp Lvg Econ	F	676.2	665.3	665.3
Gas Flow Ent AH	MLB/HR	1022	1022	1077
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	295.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	311.3	307.2
Excess Air Lvg Econ	%	17.0	17.0	22.7
Excess Air Lvg AH	%	---	---	32.5
Excess Air to Burners	%	15.0	15.0	20.7
AH Leakage	MLB/HR	0	---	79
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.872	10.717
Dry Air Wt to Burners	LB/LB Fuel	---	10.291	10.172
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.450	11.298
Losses	%			
Dry Gas		4.16	4.08	4.01
H2O in Fuel		(2) 4.92	1.23	1.63
H2 in Fuel		---	3.68	3.78
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.05	.05
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.37	11.78
Efficiency	%	88.49	88.63	88.22
Unit Output	MKB	938.7	939.6	939.6
Fuel Input	MKB	1060.8	1060.1	1065.1
Fuel Rate	MLB/HR	89.3	89.3	95.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 4AA : 04/29/92 : 0928-0945 : 110 MW : REPEAT OF TEST 4A JDR-071392

		CONTRACT SUMMARY SHEET	TEST 26T CORRECTED FOR CONTR. CONDITIONS	TEST 26T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	898	892
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.0
Gas Temp Lvg Econ	F	676.2	618.7	618.7
Gas Flow Ent AH	MLB/HR	1022	994	998
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	291.7
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	294.2	304.1
Excess Air Lvg Econ	%	17.0	17.0	14.6
Excess Air Lvg AH	%	---	---	24.4
Excess Air to Burners	%	15.0	15.0	12.6
AH Leakage	MLB/HR	0	---	78
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.742	9.600
Dry Air Wt to Burners	LB/LB Fuel	---	10.172	9.101
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.319	10.222
Losses	%			
Dry Gas		4.16	3.66	3.85
H2O in Fuel		(2) 4.92	1.22	1.97
H2 in Fuel		---	3.66	4.00
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	1.15	1.15
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.03	13.31
Efficiency	%	88.49	87.97	86.69
Unit Output	MKB	938.7	917.9	917.9
Fuel Input	MKB	1060.8	1043.4	1058.8
Fuel Rate	MLB/HR	89.3	87.9	97.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 26T : 02/21/91 : 1057-1303 : 110 MW : 12.2 TPH REBURN JDR-071092

		CONTRACT SUMMARY SHEET	TEST 27T CORRECTED FOR CONTR. CONDITIONS	TEST 27T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	895	889
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	128.9
Gas Temp Lvg Econ	F	676.2	643.3	643.3
Gas Flow Ent AH	MLB/HR	1022	991	994
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	291.2
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	302.6	299.9
Excess Air Lvg Econ	%	17.0	17.0	15.2
Excess Air Lvg AH	%	---	---	22.3
Excess Air to Burners	%	15.0	15.0	13.1
AH Leakage	MLB/HR	0	---	56
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.741	9.644
Dry Air Wt to Burners	LB/LB Fuel	---	10.171	9.144
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.318	10.267
Losses	%			
Dry Gas		4.16	3.84	3.65
H2O in Fuel		(2) 4.92	1.22	1.96
H2 in Fuel		---	3.67	3.97
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	1.16	1.16
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.23	13.08
Efficiency	%	88.49	87.77	86.92
Unit Output	MKB	938.7	912.6	912.6
Fuel Input	MKB	1060.8	1039.8	1049.9
Fuel Rate	MLB/HR	89.3	87.5	96.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 27T : 02/21/91 : 1407-1706 : 110 MW : 12.2 TPH : LOWER STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 20B CORRECTED FOR CONTR. CONDITIONS	TEST 20B WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	902	940
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	135.8
Gas Temp Lvg Econ	F	676.2	655.0	655.0
Gas Flow Ent AH	MLB/HR	1022	999	1042
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	300.2
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	306.9	305.0
Excess Air Lvg Econ	%	17.0	17.0	21.4
Excess Air Lvg AH	%	---	---	25.5
Excess Air to Burners	%	15.0	15.0	19.4
AH Leakage	MLB/HR	0	---	32
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.796	10.538
Dry Air Wt to Burners	LB/LB Fuel	---	10.222	9.995
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.374	11.118
Losses	%			
Dry Gas		4.16	3.95	3.83
H2O in Fuel		(2) 4.92	1.23	1.62
H2 in Fuel		---	3.68	3.76
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.69	.69
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.90	12.23
Efficiency	%	88.49	88.10	87.77
Unit Output	MKB	938.7	918.9	918.9
Fuel Input	MKB	1060.8	1043.0	1046.9
Fuel Rate	MLB/HR	89.3	87.8	93.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 21A : 05/01/92 : 1005-1217 : 110 MW : 13 TPH : HIGH STOIC JDR-071392

		CONTRACT SUMMARY SHEET	TEST 2 CORRECTED FOR CONTR. CONDITIONS	TEST 2 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	917	977
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	119.0
Gas Temp Lvg Econ	F	676.2	722.2	722.2
Gas Flow Ent AH	MLB/HR	1022	1015	1084
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	292.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	330.9	302.7
Excess Air Lvg Econ	%	17.0	17.0	23.5
Excess Air Lvg AH	%	---	---	31.5
Excess Air to Burners	%	15.0	15.0	21.4
AH Leakage	MLB/HR	0	---	65
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.865	10.434
Dry Air Wt to Burners	LB/LB Fuel	---	10.285	9.927
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.443	11.060
Losses	%			
Dry Gas		4.16	4.51	4.24
H2O in Fuel		(2) 4.92	1.24	1.98
H2 in Fuel		---	3.71	4.01
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.11	.11
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.91	12.67
Efficiency	%	88.49	88.09	87.33
Unit Output	MKB	938.7	928.2	928.2
Fuel Input	MKB	1060.8	1053.7	1062.9
Fuel Rate	MLB/HR	89.3	88.7	98.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 2 : 04/01/92 : 0741-0752 : 109 MW : PRE-REBURN BASE JDR071092

		CONTRACT SUMMARY SHEET	TEST 2A CORRECTED FOR CONTR. CONDITIONS	TEST 2A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	912	908
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	125.3
Gas Temp Lvg Econ	F	676.2	758.0	758.0
Gas Flow Ent AH	MLB/HR	1022	1010	1014
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	308.4
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	343.3	319.1
Excess Air Lvg Econ	%	17.0	17.0	16.0
Excess Air Lvg AH	%	---	---	23.8
Excess Air to Burners	%	15.0	15.0	14.0
AH Leakage	MLB/HR	0	---	62
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.813	9.777
Dry Air Wt to Burners	LB/LB Fuel	---	10.237	9.273
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.391	10.401
Losses	%			
Dry Gas		4.16	4.75	4.19
H2O in Fuel		(2) 4.92	1.25	1.98
H2 in Fuel		---	3.73	4.02
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.55	.55
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.63	13.08
Efficiency	%	88.49	87.37	86.92
Unit Output	MKB	938.7	919.7	919.7
Fuel Input	MKB	1060.8	1052.6	1058.1
Fuel Rate	MLB/HR	89.3	88.6	97.5

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 2A : 04/01/92 : 1912-2117 : 110 MW : 13 TPH:140 RPM: HIGH STOICH JDR071092

		CONTRACT SUMMARY SHEET	TEST 2AA CORRECTED FOR CONTR. CONDITIONS	TEST 2AA WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	899	892
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	136.7
Gas Temp Lvg Econ	F	676.2	663.1	663.1
Gas Flow Ent AH	MLB/HR	1022	996	994
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	296.7
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	309.6	302.7
Excess Air Lvg Econ	%	17.0	17.0	16.2
Excess Air Lvg AH	%	---	---	21.2
Excess Air to Burners	%	15.0	15.0	14.1
AH Leakage	MLB/HR	0	---	39
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.792	10.091
Dry Air Wt to Burners	LB/LB Fuel	---	10.217	9.548
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.369	10.670
Losses	%			
Dry Gas		4.16	4.01	3.60
H2O in Fuel		(2) 4.92	1.23	1.62
H2 in Fuel		---	3.68	3.76
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.73	.73
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.00	12.04
Efficiency	%	88.49	88.00	87.96
Unit Output	MKB	938.7	915.2	915.2
Fuel Input	MKB	1060.8	1040.0	1040.5
Fuel Rate	MLB/HR	89.3	87.6	93.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 2AA : 04/29/92 : 1040-1123 : 110 MW : REPEAT OF TEST 2A JDR-071392

		CONTRACT SUMMARY SHEET	TEST 3 CORRECTED FOR CONTR. CONDITIONS	TEST 3 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	934	992
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	124.2
Gas Temp Lvg Econ	F	676.2	678.6	678.6
Gas Flow Ent AH	MLB/HR	1022	1034	1101
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	298.6
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	316.3	308.2
Excess Air Lvg Econ	%	17.0	17.0	22.7
Excess Air Lvg AH	%	---	---	30.5
Excess Air to Burners	%	15.0	15.0	20.7
AH Leakage	MLB/HR	0	---	64
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.865	10.372
Dry Air Wt to Burners	LB/LB Fuel	---	10.285	9.867
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.443	10.998
Losses	%			
Dry Gas		4.16	4.19	4.22
H2O in Fuel		(2) 4.92	1.23	1.97
H2 in Fuel		---	3.69	4.00
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.11	.11
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.55	12.62
Efficiency	%	88.49	88.45	87.38
Unit Output	MKB	938.7	949.1	949.1
Fuel Input	MKB	1060.8	1073.0	1086.2
Fuel Rate	MLB/HR	89.3	90.3	100.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 3 : 04/02/92 : 0735-0837 : 110 MW : PRE-REBURN BASE JDR071092

		CONTRACT SUMMARY SHEET	TEST 3A CORRECTED FOR CONTR. CONDITIONS	TEST 3A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	901	885
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	127.3
Gas Temp Lvg Econ	F	676.2	717.5	717.5
Gas Flow Ent AH	MLB/HR	1022	998	990
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~295.5~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	328.6	305.3
Excess Air Lvg Econ	%	17.0	17.0	14.6
Excess Air Lvg AH	%	---	---	22.3
Excess Air to Burners	%	15.0	15.0	12.5
AH Leakage	MLB/HR	0	---	61
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.827	9.672
Dry Air Wt to Burners	LB/LB Fuel	---	10.250	9.166
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.405	10.295
Losses	%			
Dry Gas		4.16	4.44	3.81
H2O in Fuel		(2) 4.92	1.24	1.96
H2 in Fuel		---	3.71	3.99
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.43	.43
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.17	12.53
Efficiency	%	88.49	87.83	87.47
Unit Output	MKB	938.7	912.9	912.9
Fuel Input	MKB	1060.8	1039.4	1043.7
Fuel Rate	MLB/HR	89.3	87.5	96.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 3A : 04/02/92 : 1158-1400 : 110 MW :13 TPH: 140RPM: MED STOIC JDR071092

		CONTRACT SUMMARY SHEET	TEST 3AA CORRECTED FOR CONTR. CONDITIONS	TEST 3AA WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	906	887
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	136.0
Gas Temp Lvg Econ	F	676.2	656.9	656.9
Gas Flow Ent AH	MLB/HR	1022	1003	989
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~296.4~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	307.7	302.8
Excess Air Lvg Econ	%	17.0	17.0	14.6
Excess Air Lvg AH	%	---	---	19.9
Excess Air to Burners	%	15.0	15.0	12.6
AH Leakage	MLB/HR	0	---	42
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.792	9.962
Dry Air Wt to Burners	LB/LB Fuel	---	10.217	9.420
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.369	10.540
Losses	%			
Dry Gas		4.16	3.97	3.57
H2O in Fuel		(2) 4.92	1.23	1.62
H2 in Fuel		---	3.68	3.76
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.73	.73
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.95	12.00
Efficiency	%	88.49	88.05	88.00
Unit Output	MKB	938.7	922.4	922.4
Fuel Input	MKB	1060.8	1047.6	1048.2
Fuel Rate	MLB/HR	89.3	88.2	93.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 3AA : 04/29/92 : 1133-1204 : 110 MW : REPEAT OF TEST 3A JDR-071392

		CONTRACT SUMMARY SHEET	TEST 3B CORRECTED FOR CONTR. CONDITIONS	TEST 3B WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	905	932
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	128.4
Gas Temp Lvg Econ	F	676.2	737.5	737.5
Gas Flow Ent AH	MLB/HR	1022	1003	1038
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	300.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	335.8	311.6
Excess Air Lvg Econ	%	17.0	17.0	19.8
Excess Air Lvg AH	%	---	---	28.4
Excess Air to Burners	%	15.0	15.0	17.8
AH Leakage	MLB/HR	0	---	68
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.794	10.068
Dry Air Wt to Burners	LB/LB Fuel	---	10.220	9.564
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.372	10.692
Losses	%			
Dry Gas		4.16	4.58	4.08
H2O in Fuel		(2) 4.92	1.24	1.97
H2 in Fuel		---	3.72	4.00
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.71	.71
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.60	13.10
Efficiency	%	88.49	87.40	86.90
Unit Output	MKB	938.7	915.2	915.2
Fuel Input	MKB	1060.8	1047.1	1053.2
Fuel Rate	MLB/HR	89.3	88.2	97.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 3B : 04/02/92 : 1503-1659 : 110 MW : 13 TPH : MED STOIC:HIGH OFA JDR071092

		CONTRACT SUMMARY SHEET	TEST 6 CORRECTED FOR CONTR. CONDITIONS	TEST 6 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	931	987
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.1
Gas Temp Lvg Econ	F	676.2	704.8	704.8
Gas Flow Ent AH	MLB/HR	1022	1031	1092
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~302.2~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	325.5	314.9
Excess Air Lvg Econ	%	17.0	17.0	23.1
Excess Air Lvg AH	%	---	---	33.0
Excess Air to Burners	%	15.0	15.0	21.1
AH Leakage	MLB/HR	0	---	81
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.872	10.754
Dry Air Wt to Burners	LB/LB Fuel	---	10.291	10.209
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.450	11.335
Losses	%			
Dry Gas		4.16	4.39	4.43
H2O in Fuel		(2) 4.92	1.24	1.65
H2 in Fuel		---	3.70	3.82
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.05	.05
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.71	12.26
Efficiency	%	88.49	88.29	87.74
Unit Output	MKB	938.7	944.4	944.4
Fuel Input	MKB	1060.8	1069.7	1076.4
Fuel Rate	MLB/HR	89.3	90.1	96.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 6 : 04/07/92 : 0825-0835 : 110 MW : PRE-REBURN BASE JDR-071092

		CONTRACT SUMMARY SHEET	TEST 6A CORRECTED FOR CONTR. CONDITIONS	TEST 6A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	909	900
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	128.0
Gas Temp Lvg Econ	F	676.2	710.4	710.4
Gas Flow Ent AH	MLB/HR	1022	1007	1003
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	306.4
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	326.5	318.2
Excess Air Lvg Econ	%	17.0	17.0	15.7
Excess Air Lvg AH	%	---	---	24.5
Excess Air to Burners	%	15.0	15.0	13.7
AH Leakage	MLB/HR	0	---	70
Moisture In Air	LB/LB DA	.0049	.0049	.0027
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.794	10.055
Dry Air Wt to Burners	LB/LB Fuel	---	10.220	9.513
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.372	10.631
Losses	%			
Dry Gas		4.16	4.38	4.11
H2O in Fuel		(2) 4.92	1.24	1.64
H2 in Fuel		---	3.71	3.81
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.71	.71
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.38	12.59
Efficiency	%	88.49	87.62	87.41
Unit Output	MKB	938.7	921.3	921.3
Fuel Input	MKB	1060.8	1051.5	1054.0
Fuel Rate	MLB/HR	89.3	88.5	94.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 6A : 04/07/92 : 1057-1302 : 110 MW : 13 TPH: 140 RPM: LOW STOIC JDR-071092

		CONTRACT SUMMARY SHEET	TEST 8 CORRECTED FOR CONTR. CONDITIONS	TEST 8 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	918	964
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	112.4
Gas Temp Lvg Econ	F	676.2	670.7	670.7
Gas Flow Ent AH	MLB/HR	1022	1016	1069
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	287.1
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	313.0	300.5
Excess Air Lvg Econ	%	17.0	17.0	21.9
Excess Air Lvg AH	%	---	---	32.5
Excess Air to Burners	%	15.0	15.0	19.9
AH Leakage	MLB/HR	0	---	86
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.871	10.646
Dry Air Wt to Burners	LB/LB Fuel	---	10.290	10.100
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.449	11.227
Losses	%			
Dry Gas		4.16	4.11	4.30
H2O in Fuel		(2) 4.92	1.23	1.65
H2 in Fuel		---	3.68	3.84
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.06	.06
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.41	12.16
Efficiency	%	88.49	88.59	87.84
Unit Output	MKB	938.7	933.9	933.9
Fuel Input	MKB	1060.8	1054.2	1063.2
Fuel Rate	MLB/HR	89.3	88.8	95.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 8 : 04/09/92 : 0804-0814 : 110 MW : PRE-REBURN BASE JDR-071092

		CONTRACT SUMMARY SHEET	TEST 8A CORRECTED FOR CONTR. CONDITIONS	TEST 8A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	911	916
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	118.8
Gas Temp Lvg Econ	F	676.2	663.5	663.5
Gas Flow Ent AH	MLB/HR	1022	1009	1019
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	286.1
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	310.2	295.6
Excess Air Lvg Econ	%	17.0	17.0	17.2
Excess Air Lvg AH	%	---	---	24.8
Excess Air to Burners	%	15.0	15.0	15.2
AH Leakage	MLB/HR	0	---	60
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.811	10.197
Dry Air Wt to Burners	LB/LB Fuel	---	10.235	9.655
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.388	10.776
Losses	%			
Dry Gas		4.16	4.03	3.87
H2O in Fuel		(2) 4.92	1.23	1.64
H2 in Fuel		---	3.68	3.81
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.57	.57
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.85	12.21
Efficiency	%	88.49	88.15	87.79
Unit Output	MKB	938.7	927.4	927.4
Fuel Input	MKB	1060.8	1052.1	1056.4
Fuel Rate	MLB/HR	89.3	88.6	94.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 8A : 04/09/92 : 1100-1247 : 110 MW : 13 TPH: 160 RPM: MED STOIC JDR-071092

		CONTRACT SUMMARY SHEET	TEST 7 CORRECTED FOR CONTR. CONDITIONS	TEST 7 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	924	989
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	115.9
Gas Temp Lvg Econ	F	676.2	679.3	679.3
Gas Flow Ent AH	MLB/HR	1022	1023	1094
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	300.0
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~316.2~~	~~312.6~~
Excess Air Lvg Econ	%	17.0	17.0	23.7
Excess Air Lvg AH	%	---	---	33.5
Excess Air to Burners	%	15.0	15.0	21.7
AH Leakage	MLB/HR	0	---	79
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.872	10.806
Dry Air Wt to Burners	LB/LB Fuel	---	10.291	10.261
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.450	11.387
Losses	%			
Dry Gas		4.16	4.19	4.57
H2O in Fuel		(2) 4.92	1.23	1.66
H2 in Fuel		---	3.69	3.85
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.05	.05
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.49	12.44
Efficiency	%	88.49	88.51	87.56
Unit Output	MKB	938.7	939.6	939.6
Fuel Input	MKB	1060.8	1061.6	1073.1
Fuel Rate	MLB/HR	89.3	89.4	96.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 7 : 04/08/92 : 0820-0830 : 109 MW : PRE-REBURN BASE JDR-071092

		CONTRACT SUMMARY SHEET	TEST 7A CORRECTED FOR CONTR. CONDITIONS	TEST 7A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	910	908
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	122.6
Gas Temp Lvg Econ	F	676.2	665.3	665.3
Gas Flow Ent AH	MLB/HR	1022	1008	1011
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~290.8~~
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~310.8~~	~~302.6~~
Excess Air Lvg Econ	%	17.0	17.0	16.2
Excess Air Lvg AH	%	---	---	25.6
Excess Air to Burners	%	15.0	15.0	14.2
AH Leakage	MLB/HR	0	---	74
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.841	10.144
Dry Air Wt to Burners	LB/LB Fuel	---	10.263	9.599
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.419	10.723
Losses	%			
Dry Gas		4.16	4.05	3.93
H2O in Fuel		(2) 4.92	1.23	1.64
H2 in Fuel		---	3.68	3.81
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.31	.31
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.61	12.01
Efficiency	%	88.49	88.39	87.99
Unit Output	MKB	938.7	926.8	926.8
Fuel Input	MKB	1060.8	1048.5	1053.3
Fuel Rate	MLB/HR	89.3	88.3	94.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 7A : 04/08/92 : 1128-1330 : 110 MW : 13 TPH: 160 RPM: LOW STOIC JDR-071092

		CONTRACT SUMMARY SHEET	TEST 9 CORRECTED FOR CONTR. CONDITIONS	TEST 9 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	937	988
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	113.7
Gas Temp Lvg Econ	F	676.2	653.6	653.6
Gas Flow Ent AH	MLB/HR	1022	1038	1094
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	279.2
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	307.7	282.2
Excess Air Lvg Econ	%	17.0	17.0	22.7
Excess Air Lvg AH	%	---	---	25.2
Excess Air to Burners	%	15.0	15.0	20.7
AH Leakage	MLB/HR	0	---	21
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.872	10.715
Dry Air Wt to Burners	LB/LB Fuel	---	10.291	10.170
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.450	11.296
Losses	%			
Dry Gas		4.16	4.00	3.88
H2O in Fuel		(2) 4.92	1.23	1.64
H2 in Fuel		---	3.68	3.81
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.05	.05
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.29	11.69
Efficiency	%	88.49	88.71	88.31
Unit Output	MKB	938.7	954.9	954.9
Fuel Input	MKB	1060.8	1076.4	1081.3
Fuel Rate	MLB/HR	89.3	90.6	96.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 9 : 04/10/92 : 0759-0810 : 110 MW : PRE-REBURN BASE JDR-071092

		CONTRACT SUMMARY SHEET	TEST 9A CORRECTED FOR CONTR. CONDITIONS	TEST 9A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	913	913
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	113.7
Gas Temp Lvg Econ	F	676.2	675.5	675.5
Gas Flow Ent AH	MLB/HR	1022	1011	1017
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~281.6~~
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~314.5~~	~~291.5~~
Excess Air Lvg Econ	%	17.0	17.0	16.7
Excess Air Lvg AH	%	---	---	24.6
Excess Air to Burners	%	15.0	15.0	14.7
AH Leakage	MLB/HR	0	---	63
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.798	10.145
Dry Air Wt to Burners	LB/LB Fuel	---	10.223	9.604
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.375	10.725
Losses	%			
Dry Gas		4.16	4.12	3.87
H2O in Fuel		(2) 4.92	1.23	1.65
H2 in Fuel		---	3.69	3.82
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.68	.68
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.06	12.34
Efficiency	%	88.49	87.94	87.66
Unit Output	MKB	938.7	928.3	928.3
Fuel Input	MKB	1060.8	1055.6	1059.0
Fuel Rate	MLB/HR	89.3	88.9	94.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 9A : 04/10/92 : 1029-1331 : 110 MW : 13 TPH: 100 RPM: MED STOIC JDR-071092

		CONTRACT SUMMARY SHEET	TEST 10 CORRECTED FOR CONTR. CONDITIONS	TEST 10 WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	929	984
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	105.8
Gas Temp Lvg Econ	F	676.2	659.5	659.5
Gas Flow Ent AH	MLB/HR	1022	1029	1090
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	279.6
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~309.5~~	~~291.9~~
Excess Air Lvg Econ	%	17.0	17.0	22.7
Excess Air Lvg AH	%	---	---	32.6
Excess Air to Burners	%	15.0	15.0	20.7
AH Leakage	MLB/HR	0	---	81
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.872	10.719
Dry Air Wt to Burners	LB/LB Fuel	---	10.291	10.174
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.450	11.300
Losses	%			
Dry Gas		4.16	4.04	4.29
H2O in Fuel		(2) 4.92	1.23	1.66
H2 in Fuel		---	3.68	3.85
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.05	.05
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.33	12.16
Efficiency	%	88.49	88.67	87.84
Unit Output	MKB	938.7	946.1	946.1
Fuel Input	MKB	1060.8	1067.0	1077.1
Fuel Rate	MLB/HR	89.3	89.8	96.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 10 : 04/13/92 : 0827-0838 : 110 MW : PRE-REBURN BASE JDR-071092

		CONTRACT SUMMARY SHEET	TEST 10A CORRECTED FOR CONTR. CONDITIONS	TEST 10A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	906	906
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	110.7
Gas Temp Lvg Econ	F	676.2	671.5	671.5
Gas Flow Ent AH	MLB/HR	1022	1003	1009
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	280.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	312.8	291.4
Excess Air Lvg Econ	%	17.0	17.0	16.5
Excess Air Lvg AH	%	---	---	24.8
Excess Air to Burners	%	15.0	15.0	14.5
AH Leakage	MLB/HR	0	---	66
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.786	10.115
Dry Air Wt to Burners	LB/LB Fuel	---	10.212	9.573
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.363	10.694
Losses	%			
Dry Gas		4.16	4.08	3.93
H2O in Fuel		(2) 4.92	1.23	1.65
H2 in Fuel		---	3.68	3.83
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.78	.78
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.11	12.51
Efficiency	%	88.49	87.89	87.49
Unit Output	MKB	938.7	921.8	921.8
Fuel Input	MKB	1060.8	1048.8	1053.6
Fuel Rate	MLB/HR	89.3	88.3	94.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 10A : 04/13/92 : 1031-1256 : 110 MW : 13 TPH: 100 RPM: LOW STOIC JDR-071392

		CONTRACT SUMMARY SHEET	TEST 16A CORRECTED FOR CONTR. CONDITIONS	TEST 16A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	916	914
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.6
Gas Temp Lvg Econ	F	676.2	669.6	669.6
Gas Flow Ent AH	MLB/HR	1022	1014	1018
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	283.6
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~312.5~~	~~290.8~~
Excess Air Lvg Econ	%	17.0	17.0	16.8
Excess Air Lvg AH	%	---	---	22.8
Excess Air to Burners	%	15.0	15.0	14.8
AH Leakage	MLB/HR	0	---	48
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.761	10.114
Dry Air Wt to Burners	LB/LB Fuel	---	10.189	9.577
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.338	10.694
Losses	%			
Dry Gas		4.16	4.06	3.63
H2O in Fuel		(2) 4.92	1.23	1.63
H2 in Fuel		---	3.68	3.78
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.99	.99
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.29	12.34
Efficiency	%	88.49	87.71	87.66
Unit Output	MKB	938.7	931.7	931.7
Fuel Input	MKB	1060.8	1062.3	1062.9
Fuel Rate	MLB/HR	89.3	89.4	95.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 16A : 04/24/92 : 1110-1311 : 111 MW: CONTROLS IN AUTOMATIC JDR-071392

		CONTRACT SUMMARY SHEET	TEST 21B CORRECTED FOR CONTR. CONDITIONS	TEST 21B WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	911	900
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	120.0
Gas Temp Lvg Econ	F	676.2	661.9	661.9
Gas Flow Ent AH	MLB/HR	1022	1009	1003
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	282.4
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~309.6~~	~~290.7~~
Excess Air Lvg Econ	%	17.0	17.0	15.5
Excess Air Lvg AH	%	---	---	22.2
Excess Air to Burners	%	15.0	15.0	13.5
AH Leakage	MLB/HR	0	---	54
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.802	10.045
Dry Air Wt to Burners	LB/LB Fuel	---	10.227	9.503
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.380	10.623
Losses	%			
Dry Gas		4.16	4.01	3.68
H2O in Fuel		(2) 4.92	1.23	1.64
H2 in Fuel		---	3.68	3.80
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.64	.64
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.90	12.08
Efficiency	%	88.49	88.10	87.92
Unit Output	MKB	938.7	927.3	927.3
Fuel Input	MKB	1060.8	1052.6	1054.7
Fuel Rate	MLB/HR	89.3	88.6	94.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 1BM : 05/05/92 : 1039-1200 : 110 MW : 13 TPH : LOW STOIC JDR-071392

		CONTRACT SUMMARY SHEET	TEST 3T CORRECTED FOR CONTR. CONDITIONS	TEST 3T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	897	909
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	126.1
Gas Temp Lvg Econ	F	676.2	669.1	669.1
Gas Flow Ent AH	MLB/HR	1022	993	1014
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	295.6
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	311.6	305.2
Excess Air Lvg Econ	%	17.0	17.0	17.5
Excess Air Lvg AH	%	---	---	25.1
Excess Air to Burners	%	15.0	15.0	15.4
AH Leakage	MLB/HR	0	---	60
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.830	9.911
Dry Air Wt to Burners	LB/LB Fuel	---	10.252	9.404
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.407	10.534
Losses	%			
Dry Gas		4.16	4.07	3.93
H2O in Fuel		(2) 4.92	1.23	1.97
H2 in Fuel		---	3.68	3.99
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.41	.41
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.74	12.64
Efficiency	%	88.49	88.26	87.36
Unit Output	MKB	938.7	912.4	912.4
Fuel Input	MKB	1060.8	1033.8	1044.4
Fuel Rate	MLB/HR	89.3	87.0	96.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 3T : 02/13/91 : 1710-1741 : 110 MW : 13.7 TPH : HIGH STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 4T CORRECTED FOR CONTR. CONDITIONS	TEST 4T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	899	920
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	124.5
Gas Temp Lvg Econ	F	676.2	666.2	666.2
Gas Flow Ent AH	MLB/HR	1022	995	1026
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	293.5
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~310.7~~	~~303.0~~
Excess Air Lvg Econ	%	17.0	17.0	18.6
Excess Air Lvg AH	%	---	---	26.2
Excess Air to Burners	%	15.0	15.0	16.5
AH Leakage	MLB/HR	0	---	60
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.775	9.952
Dry Air Wt to Burners	LB/LB Fuel	---	10.202	9.449
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.353	10.576
Losses	%			
Dry Gas		4.16	4.03	3.93
H2O in Fuel		(2) 4.92	1.23	1.97
H2 in Fuel		---	3.68	3.99
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.87	.87
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.16	13.10
Efficiency	%	88.49	87.84	86.90
Unit Output	MKB	938.7	914.4	914.4
Fuel Input	MKB	1060.8	1041.0	1052.2
Fuel Rate	MLB/HR	89.3	87.6	97.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 4T : 02/13/91 : 1915-2008 : 110 MW : 13.7 TPH : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 10B CORRECTED FOR CONTR. CONDITIONS	TEST 10B WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	921	920
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	115.4
Gas Temp Lvg Econ	F	676.2	683.7	683.7
Gas Flow Ent AH	MLB/HR	1022	1020	1024
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~290.8~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	317.6	301.4
Excess Air Lvg Econ	%	17.0	17.0	16.4
Excess Air Lvg AH	%	---	---	24.5
Excess Air to Burners	%	15.0	15.0	14.4
AH Leakage	MLB/HR	0	---	65
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.844	10.160
Dry Air Wt to Burners	LB/LB Fuel	---	10.265	9.616
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.422	10.739
Losses	%			
Dry Gas		4.16	4.21	4.06
H2O in Fuel		(2) 4.92	1.23	1.65
H2 in Fuel		---	3.69	3.83
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.29	.29
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.75	12.14
Efficiency	%	88.49	88.25	87.86
Unit Output	MKB	938.7	935.8	935.8
Fuel Input	MKB	1060.8	1060.4	1065.1
Fuel Rate	MLB/HR	89.3	89.3	95.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 10B : 04/13/92 : 1524-1647 : 110 MW : 14 TPH: 140 RPM JDR-071392

		CONTRACT SUMMARY SHEET	TEST 10C CORRECTED FOR CONTR. CONDITIONS	TEST 10C WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	924	921
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	116.3
Gas Temp Lvg Econ	F	676.2	678.4	678.4
Gas Flow Ent AH	MLB/HR	1022	1023	1026
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	291.9
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	315.9	302.2
Excess Air Lvg Econ	%	17.0	17.0	16.1
Excess Air Lvg AH	%	---	---	23.9
Excess Air to Burners	%	15.0	15.0	14.1
AH Leakage	MLB/HR	0	---	63
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.844	10.138
Dry Air Wt to Burners	LB/LB Fuel	---	10.265	9.596
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.422	10.718
Losses	%			
Dry Gas		4.16	4.17	4.05
H2O in Fuel		(2) 4.92	1.23	1.65
H2 in Fuel		---	3.69	3.83
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.29	.29
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.71	12.13
Efficiency	%	88.49	88.29	87.87
Unit Output	MKB	938.7	939.6	939.6
Fuel Input	MKB	1060.8	1064.2	1069.3
Fuel Rate	MLB/HR	89.3	89.6	95.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 10C : 04/13/92 : 1822-1914 : 111 MW : 14 TPH : 160 RPM JDR-071392

		CONTRACT SUMMARY SHEET	TEST 5T CORRECTED FOR CONTR. CONDITIONS	TEST 5T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	900	910
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	126.8
Gas Temp Lvg Econ	F	676.2	662.9	662.9
Gas Flow Ent AH	MLB/HR	1022	997	1015
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	292.7
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~309.6~~	~~303.4~~
Excess Air Lvg Econ	%	17.0	17.0	17.2
Excess Air Lvg AH	%	---	---	25.9
Excess Air to Burners	%	15.0	15.0	15.1
AH Leakage	MLB/HR	0	---	69
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.790	9.852
Dry Air Wt to Burners	LB/LB Fuel	---	10.216	9.348
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.368	10.475
Losses	%			
Dry Gas		4.16	4.01	3.85
H2O in Fuel		(2) 4.92	1.23	1.96
H2 in Fuel		---	3.68	3.99
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.74	.74
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.01	12.88
Efficiency	%	88.49	87.99	87.12
Unit Output	MKB	938.7	916.2	916.2
Fuel Input	MKB	1060.8	1041.3	1051.7
Fuel Rate	MLB/HR	89.3	87.7	96.9

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 5T : 02/14/91 : 1408-1604 : 111 MW : 14 TPH : HIGH STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 7T CORRECTED FOR CONTR. CONDITIONS	TEST 7T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	901	911
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	125.2
Gas Temp Lvg Econ	F	676.2	644.3	644.3
Gas Flow Ent AH	MLB/HR	1022	998	1017
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	286.7
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	303.2	296.8
Excess Air Lvg Econ	%	17.0	17.0	17.1
Excess Air Lvg AH	%	---	---	25.5
Excess Air to Burners	%	15.0	15.0	15.0
AH Leakage	MLB/HR	0	---	67
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.793	9.844
Dry Air Wt to Burners	LB/LB Fuel	---	10.218	9.342
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.371	10.468
Losses	%			
Dry Gas		4.16	3.87	3.74
H2O in Fuel		(2) 4.92	1.22	1.96
H2 in Fuel		---	3.67	3.98
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.72	.72
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.82	12.74
Efficiency	%	88.49	88.18	87.26
Unit Output	MKB	938.7	919.4	919.4
Fuel Input	MKB	1060.8	1042.6	1053.6
Fuel Rate	MLB/HR	89.3	87.8	97.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 7T : 02/15/91 : 1009-1024 : 111 MW : 14 TPH : HIGH STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 18T CORRECTED FOR CONTR. CONDITIONS	TEST 18T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	877	879
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.7
Gas Temp Lvg Econ	F	676.2	636.5	636.5
Gas Flow Ent AH	MLB/HR	1022	971	982
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	279.9
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~299.6~~	~~288.5~~
Excess Air Lvg Econ	%	17.0	17.0	16.3
Excess Air Lvg AH	%	---	---	23.7
Excess Air to Burners	%	15.0	15.0	14.2
AH Leakage	MLB/HR	0	---	57
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.788	9.774
Dry Air Wt to Burners	LB/LB Fuel	---	10.214	9.267
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.366	10.397
Losses	%			
Dry Gas		4.16	3.79	3.56
H2O in Fuel		(2) 4.92	1.22	1.96
H2 in Fuel		---	3.66	3.97
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.76	.76
Radiation		.79	.83	.83
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.79	12.61
Efficiency	%	88.49	88.21	87.39
Unit Output	MKB	938.7	895.3	895.3
Fuel Input	MKB	1060.8	1015.0	1024.5
Fuel Rate	MLB/HR	89.3	85.5	94.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 18T : 02/18/91 : 0919-0929 : 109 MW : 14 TPH : HIGH STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 22T CORRECTED FOR CONTR. CONDITIONS	TEST 22T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	903	898
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	124.7
Gas Temp Lvg Econ	F	676.2	615.4	615.4
Gas Flow Ent AH	MLB/HR	1022	1000	1004
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~292.8~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	293.2	303.2
Excess Air Lvg Econ	%	17.0	17.0	14.7
Excess Air Lvg AH	%	---	---	23.0
Excess Air to Burners	%	15.0	15.0	12.7
AH Leakage	MLB/HR	0	---	66
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.741	9.606
Dry Air Wt to Burners	LB/LB Fuel	---	10.171	9.109
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.318	10.229
Losses	%			
Dry Gas		4.16	3.64	3.79
H2O in Fuel		(2) 4.92	1.22	1.97
H2 in Fuel		---	3.65	3.99
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	1.16	1.16
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.00	13.24
Efficiency	%	88.49	88.00	86.76
Unit Output	MKB	938.7	923.7	923.7
Fuel Input	MKB	1060.8	1049.7	1064.7
Fuel Rate	MLB/HR	89.3	88.4	98.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 22T : 02/19/91 : 1132-1513 : 110 MW : 14 TPH : HIGH STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 24T CORRECTED FOR CONTR. CONDITIONS	TEST 24T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	896	896
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.4
Gas Temp Lvg Econ	F	676.2	606.8	606.8
Gas Flow Ent AH	MLB/HR	1022	992	1001
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	292.2
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~290.0~~	~~301.5~~
Excess Air Lvg Econ	%	17.0	17.0	15.3
Excess Air Lvg AH	%	---	---	22.7
Excess Air to Burners	%	15.0	15.0	13.2
AH Leakage	MLB/HR	0	---	59
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.790	9.696
Dry Air Wt to Burners	LB/LB Fuel	---	10.216	9.193
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.368	10.319
Losses	%			
Dry Gas		4.16	3.58	3.82
H2O in Fuel		(2) 4.92	1.22	1.97
H2 in Fuel		---	3.65	4.00
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.74	.74
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.53	12.87
Efficiency	%	88.49	88.47	87.13
Unit Output	MKB	938.7	917.3	917.3
Fuel Input	MKB	1060.8	1036.8	1052.8
Fuel Rate	MLB/HR	89.3	87.3	97.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 24T : 02/20/91 : 0951-1012 : 110 MW : 140 RPM : HIGH STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 6T CORRECTED FOR CONTR. CONDITIONS	TEST 6T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	901	907
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	125.7
Gas Temp Lvg Econ	F	676.2	671.4	671.4
Gas Flow Ent AH	MLB/HR	1022	997	1013
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	294.8
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~312.6~~	~~303.4~~
Excess Air Lvg Econ	%	17.0	17.0	16.8
Excess Air Lvg AH	%	---	---	23.7
Excess Air to Burners	%	15.0	15.0	14.8
AH Leakage	MLB/HR	0	---	54
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.790	9.821
Dry Air Wt to Burners	LB/LB Fuel	---	10.216	9.318
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.368	10.444
Losses	%			
Dry Gas		4.16	4.07	3.86
H2O in Fuel		(2) 4.92	1.23	1.97
H2 in Fuel		---	3.68	3.99
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.74	.74
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.07	12.90
Efficiency	%	88.49	87.93	87.10
Unit Output	MKB	938.7	916.1	916.1
Fuel Input	MKB	1060.8	1041.9	1051.8
Fuel Rate	MLB/HR	89.3	87.7	97.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 6T : 02/14/91 : 1604-1903 : 111 MW : 140 RPM : MED STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 15T CORRECTED FOR CONTR. CONDITIONS	TEST 15T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	894	899
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	122.1
Gas Temp Lvg Econ	F	676.2	628.7	628.7
Gas Flow Ent AH	MLB/HR	1022	990	1004
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	281.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	297.5	291.6
Excess Air Lvg Econ	%	17.0	17.0	16.5
Excess Air Lvg AH	%	---	---	24.8
Excess Air to Burners	%	15.0	15.0	14.5
AH Leakage	MLB/HR	0	---	65
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.790	9.797
Dry Air Wt to Burners	LB/LB Fuel	---	10.216	9.293
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.368	10.420
Losses	%			
Dry Gas		4.16	3.75	3.67
H2O in Fuel		(2) 4.92	1.22	1.96
H2 in Fuel		---	3.66	3.98
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.74	.74
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.71	12.69
Efficiency	%	88.49	88.29	87.31
Unit Output	MKB	938.7	912.9	912.9
Fuel Input	MKB	1060.8	1034.0	1045.6
Fuel Rate	MLB/HR	89.3	87.1	96.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 15T : 02/17/91 : 1044-1103 : 110 MW : 14.5 TPH : MED STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 10T CORRECTED FOR CONTR. CONDITIONS	TEST 10T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	894	893
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	133.3
Gas Temp Lvg Econ	F	676.2	665.9	665.9
Gas Flow Ent AH	MLB/HR	1022	990	998
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	300.0
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~310.4~~	~~310.6~~
Excess Air Lvg Econ	%	17.0	17.0	15.9
Excess Air Lvg AH	%	---	---	24.4
Excess Air to Burners	%	15.0	15.0	13.8
AH Leakage	MLB/HR	0	---	67
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.789	9.744
Dry Air Wt to Burners	LB/LB Fuel	---	10.215	9.240
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.367	10.368
Losses	%			
Dry Gas		4.16	4.03	3.82
H2O in Fuel		(2) 4.92	1.23	1.96
H2 in Fuel		---	3.68	3.98
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.75	.75
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.04	12.85
Efficiency	%	88.49	87.96	87.15
Unit Output	MKB	938.7	909.9	909.9
Fuel Input	MKB	1060.8	1034.4	1044.1
Fuel Rate	MLB/HR	89.3	87.1	96.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 10T : 02/15/91 : 1614-1809 : 110 MW : 140 RPM : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 8T CORRECTED FOR CONTR. CONDITIONS	TEST 8T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	894	899
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	126.5
Gas Temp Lvg Econ	F	676.2	654.9	654.9
Gas Flow Ent AH	MLB/HR	1022	990	1004
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	290.1
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~306.6~~	~~299.2~~
Excess Air Lvg Econ	%	17.0	17.0	16.6
Excess Air Lvg AH	%	---	---	24.0
Excess Air to Burners	%	15.0	15.0	14.5
AH Leakage	MLB/HR	0	---	59
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.790	9.801
Dry Air Wt to Burners	LB/LB Fuel	---	10.216	9.296
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.368	10.424
Losses	%			
Dry Gas		4.16	3.94	3.75
H2O in Fuel		(2) 4.92	1.23	1.96
H2 in Fuel		---	3.68	3.98
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.74	.74
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.93	12.77
Efficiency	%	88.49	88.07	87.23
Unit Output	MKB	938.7	911.0	911.0
Fuel Input	MKB	1060.8	1034.4	1044.4
Fuel Rate	MLB/HR	89.3	87.1	96.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 8T : 02/15/91 : 1143-1204 : 110 MW : 140 RPM : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 19T CORRECTED FOR CONTR. CONDITIONS	TEST 19T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	891	895
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	126.8
Gas Temp Lvg Econ	F	676.2	641.3	641.3
Gas Flow Ent AH	MLB/HR	1022	987	1000
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	289.9
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	301.7	300.2
Excess Air Lvg Econ	%	17.0	17.0	16.3
Excess Air Lvg AH	%	---	---	24.8
Excess Air to Burners	%	15.0	15.0	14.3
AH Leakage	MLB/HR	0	---	66
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.790	9.783
Dry Air Wt to Burners	LB/LB Fuel	---	10.216	9.278
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.368	10.406
Losses	%			
Dry Gas		4.16	3.84	3.75
H2O in Fuel		(2) 4.92	1.22	1.96
H2 in Fuel		---	3.67	3.98
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.74	.74
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.81	12.77
Efficiency	%	88.49	88.19	87.23
Unit Output	MKB	938.7	909.0	909.0
Fuel Input	MKB	1060.8	1030.7	1042.1
Fuel Rate	MLB/HR	89.3	86.8	96.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 19T : 02/18/91 : 1045-1644 : 110 MW : 140 RPM : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 23T CORRECTED FOR CONTR. CONDITIONS	TEST 23T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	900	895
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.8
Gas Temp Lvg Econ	F	676.2	648.7	648.7
Gas Flow Ent AH	MLB/HR	1022	996	1000
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	290.4
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~304.6~~	~~300.1~~
Excess Air Lvg Econ	%	17.0	17.0	15.2
Excess Air Lvg AH	%	---	---	23.0
Excess Air to Burners	%	15.0	15.0	13.1
AH Leakage	MLB/HR	0	---	61
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.790	9.690
Dry Air Wt to Burners	LB/LB Fuel	---	10.216	9.187
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.368	10.313
Losses	%			
Dry Gas		4.16	3.90	3.78
H20 in Fuel		(2) 4.92	1.23	1.97
H2 in Fuel		---	3.67	3.99
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.74	.74
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.88	12.82
Efficiency	%	88.49	88.12	87.18
Unit Output	MKB	938.7	917.4	917.4
Fuel Input	MKB	1060.8	1041.1	1052.3
Fuel Rate	MLB/HR	89.3	87.7	97.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 23T : 02/19/91 : 1658-1854 : 110 MW : 140 RPM : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 16T CORRECTED FOR CONTR. CONDITIONS	TEST 16T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	892	894
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	123.7
Gas Temp Lvg Econ	F	676.2	640.2	640.2
Gas Flow Ent AH	MLB/HR	1022	988	999
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	285.0
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	301.4	294.5
Excess Air Lvg Econ	%	17.0	17.0	16.1
Excess Air Lvg AH	%	---	---	24.0
Excess Air to Burners	%	15.0	15.0	14.1
AH Leakage	MLB/HR	0	---	62
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.789	9.765
Dry Air Wt to Burners	LB/LB Fuel	---	10.215	9.261
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.367	10.388
Losses	%			
Dry Gas		4.16	3.83	3.69
H2O in Fuel		(2) 4.92	1.22	1.96
H2 in Fuel		---	3.67	3.98
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.75	.75
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.81	12.72
Efficiency	%	88.49	88.19	87.28
Unit Output	MKB	938.7	910.4	910.4
Fuel Input	MKB	1060.8	1032.3	1043.1
Fuel Rate	MLB/HR	89.3	86.9	96.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 16T : 02/17/91 : 1142-1245 : 110 MW : 14.5 TPH : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 9T CORRECTED FOR CONTR. CONDITIONS	TEST 9T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	897	886
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	134.0
Gas Temp Lvg Econ	F	676.2	662.0	662.0
Gas Flow Ent AH	MLB/HR	1022	994	991
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	298.5
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	309.1	307.9
Excess Air Lvg Econ	%	17.0	17.0	14.7
Excess Air Lvg AH	%	---	---	22.3
Excess Air to Burners	%	15.0	15.0	12.6
AH Leakage	MLB/HR	0	---	60
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.789	9.649
Dry Air Wt to Burners	LB/LB Fuel	---	10.215	9.145
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.367	10.271
Losses	%			
Dry Gas		4.16	4.00	3.71
H2O in Fuel		(2) 4.92	1.23	1.95
H2 in Fuel		---	3.68	3.97
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.75	.75
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.01	12.72
Efficiency	%	88.49	87.99	87.28
Unit Output	MKB	938.7	913.6	913.6
Fuel Input	MKB	1060.8	1038.3	1046.7
Fuel Rate	MLB/HR	89.3	87.4	96.5

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 9T : 02/15/91 : 1513-1542 : 109 MW : 14 TPH : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 17T CORRECTED FOR CONTR. CONDITIONS	TEST 17T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	892	896
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	124.4
Gas Temp Lvg Econ	F	676.2	641.1	641.1
Gas Flow Ent AH	MLB/HR	1022	988	1001
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~288.9~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	301.7	299.2
Excess Air Lvg Econ	%	17.0	17.0	16.3
Excess Air Lvg AH	%	---	---	24.8
Excess Air to Burners	%	15.0	15.0	14.2
AH Leakage	MLB/HR	0	---	66
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.790	9.780
Dry Air Wt to Burners	LB/LB Fuel	---	10.216	9.276
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.368	10.404
Losses	%			
Dry Gas		4.16	3.84	3.78
H2O in Fuel		(2) 4.92	1.22	1.96
H2 in Fuel		---	3.67	3.99
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.74	.74
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.81	12.81
Efficiency	%	88.49	88.19	87.19
Unit Output	MKB	938.7	910.3	910.3
Fuel Input	MKB	1060.8	1032.2	1044.0
Fuel Rate	MLB/HR	89.3	86.9	96.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 17T : 02/17/91 : 1658-1812 : 110 MW : 14.5 TPH : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 3BM CORRECTED FOR CONTR. CONDITIONS	TEST 3BM WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	921	904
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	133.6
Gas Temp Lvg Econ	F	676.2	654.6	654.6
Gas Flow Ent AH	MLB/HR	1022	1019	1008
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~292.1~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	307.5	301.8
Excess Air Lvg Econ	%	17.0	17.0	14.9
Excess Air Lvg AH	%	---	---	23.0
Excess Air to Burners	%	15.0	15.0	12.9
AH Leakage	MLB/HR	0	---	65
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.805	9.996
Dry Air Wt to Burners	LB/LB Fuel	---	10.229	9.456
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.382	10.574
Losses	%			
Dry Gas		4.16	3.97	3.61
H2O in Fuel		(2) 4.92	1.23	1.62
H2 in Fuel		---	3.68	3.77
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.62	.62
Radiation		.79	.79	.79
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.83	11.93
Efficiency	%	88.49	88.17	88.07
Unit Output	MKB	938.7	937.9	937.9
Fuel Input	MKB	1060.8	1063.7	1064.9
Fuel Rate	MLB/HR	89.3	89.6	95.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 3BM : 05/07/92 : 1444-1517 : 110 MW : 14 TPH JDR-071392

		CONTRACT SUMMARY SHEET	TEST 50T CORRECTED FOR CONTR. CONDITIONS	TEST 50T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	895	895
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	138.6
Gas Temp Lvg Econ	F	676.2	663.7	663.7
Gas Flow Ent AH	MLB/HR	1022	991	999
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	294.5
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	309.6	303.9
Excess Air Lvg Econ	%	17.0	17.0	16.4
Excess Air Lvg AH	%	---	---	24.4
Excess Air to Burners	%	15.0	15.0	14.3
AH Leakage	MLB/HR	0	---	63
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.839	9.827
Dry Air Wt to Burners	LB/LB Fuel	---	10.261	9.320
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.417	10.451
Losses	%			
Dry Gas		4.16	4.03	3.59
H2O in Fuel		(2) 4.92	1.23	1.94
H2 in Fuel		---	3.68	3.95
Moisture in Air		.04	.04	.03
Unburned Combustible		.10	.33	.33
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.62	12.15
Efficiency	%	88.49	88.38	87.85
Unit Output	MKB	938.7	911.2	911.2
Fuel Input	MKB	1060.8	1031.0	1037.2
Fuel Rate	MLB/HR	89.3	86.8	95.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 50T : 03/05/91 : 1030-1112 : 110 MW : 14 TPH : LOW STOICH 150 RPMJDR-071092

		CONTRACT SUMMARY SHEET	TEST 25T CORRECTED FOR CONTR. CONDITIONS	TEST 25T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	899	900
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	128.6
Gas Temp Lvg Econ	F	676.2	612.9	612.9
Gas Flow Ent AH	MLB/HR	1022	995	1006
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	293.8
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~292.2~~	~~303.8~~
Excess Air Lvg Econ	%	17.0	17.0	15.6
Excess Air Lvg AH	%	---	---	23.7
Excess Air to Burners	%	15.0	15.0	13.6
AH Leakage	MLB/HR	0	---	64
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.790	9.725
Dry Air Wt to Burners	LB/LB Fuel	---	10.216	9.223
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.368	10.348
Losses	%			
Dry Gas		4.16	3.63	3.77
H2O in Fuel		(2) 4.92	1.22	1.96
H2 in Fuel		---	3.65	3.98
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.74	.74
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.58	12.79
Efficiency	%	88.49	88.42	87.21
Unit Output	MKB	938.7	919.4	919.4
Fuel Input	MKB	1060.8	1039.8	1054.2
Fuel Rate	MLB/HR	89.3	87.5	97.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 25T : 02/20/91 : 1248-1447 : 111 MW : 16 TPH : HIGH STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 31T CORRECTED FOR CONTR. CONDITIONS	TEST 31T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	905	897
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	124.3
Gas Temp Lvg Econ	F	676.2	621.8	621.8
Gas Flow Ent AH	MLB/HR	1022	1003	1003
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	292.9
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	295.5	302.7
Excess Air Lvg Econ	%	17.0	17.0	14.4
Excess Air Lvg AH	%	---	---	22.1
Excess Air to Burners	%	15.0	15.0	12.4
AH Leakage	MLB/HR	0	---	61
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.790	9.628
Dry Air Wt to Burners	LB/LB Fuel	---	10.216	9.126
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.368	10.250
Losses	%			
Dry Gas		4.16	3.70	3.80
H2O in Fuel		(2) 4.92	1.22	1.97
H2 in Fuel		---	3.66	3.99
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.74	.74
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.65	12.83
Efficiency	%	88.49	88.35	87.17
Unit Output	MKB	938.7	925.4	925.4
Fuel Input	MKB	1060.8	1047.4	1061.6
Fuel Rate	MLB/HR	89.3	88.2	97.9

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 31T : 02/24/91 : 1057-1226 : 111 MW : 16 TPH : MED STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 32T CORRECTED FOR CONTR. CONDITIONS	TEST 32T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	899	889
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	129.5
Gas Temp Lvg Econ	F	676.2	637.6	637.6
Gas Flow Ent AH	MLB/HR	1022	996	995
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~291.3~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	300.7	300.5
Excess Air Lvg Econ	%	17.0	17.0	14.7
Excess Air Lvg AH	%	---	---	22.3
Excess Air to Burners	%	15.0	15.0	12.7
AH Leakage	MLB/HR	0	---	60
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.789	9.650
Dry Air Wt to Burners	LB/LB Fuel	---	10.215	9.148
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.367	10.273
Losses	%			
Dry Gas		4.16	3.82	3.65
H2O in Fuel		(2) 4.92	1.22	1.96
H2 in Fuel		---	3.67	3.97
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.75	.75
Radiation		.79	.81	.81
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.80	12.67
Efficiency	%	88.49	88.20	87.33
Unit Output	MKB	938.7	917.5	917.5
Fuel Input	MKB	1060.8	1040.2	1050.6
Fuel Rate	MLB/HR	89.3	87.6	96.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 32T : 02/24/91 : 1504-1702 : 111 MW : 16 TPH : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 17A CORRECTED FOR CONTR. CONDITIONS	TEST 17A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	909	886
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	129.9
Gas Temp Lvg Econ	F	676.2	698.0	698.0
Gas Flow Ent AH	MLB/HR	1022	1007	989
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	294.7
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	322.2	303.1
Excess Air Lvg Econ	%	17.0	17.0	14.3
Excess Air Lvg AH	%	---	---	21.0
Excess Air to Burners	%	15.0	15.0	12.3
AH Leakage	MLB/HR	0	---	53
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.827	9.970
Dry Air Wt to Burners	LB/LB Fuel	---	10.250	9.426
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.405	10.549
Losses	%			
Dry Gas		4.16	4.30	3.71
H2O in Fuel		(2) 4.92	1.23	1.63
H2 in Fuel		---	3.70	3.78
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.43	.43
Radiation		.79	.80	.80
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.00	11.87
Efficiency	%	88.49	88.00	88.13
Unit Output	MKB	938.7	922.7	922.7
Fuel Input	MKB	1060.8	1048.5	1047.0
Fuel Rate	MLB/HR	89.3	88.3	93.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 17A : 04/27/92 : 1130-1400 : 110 MW : 15 TPH : 160 RPM JDR-071392

		CONTRACT SUMMARY SHEET	TEST 18A CORRECTED FOR CONTR. CONDITIONS	TEST 18A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	737	725
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	135.4
Gas Temp Lvg Econ	F	676.2	641.0	641.0
Gas Flow Ent AH	MLB/HR	1022	816	812
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	279.4
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~295.3~~	~~290.8~~
Excess Air Lvg Econ	%	17.0	17.0	15.5
Excess Air Lvg AH	%	---	---	26.1
Excess Air to Burners	%	15.0	15.0	13.0
AH Leakage	MLB/HR	0	---	68
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.779	10.027
Dry Air Wt to Burners	LB/LB Fuel	---	10.205	9.448
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.356	10.606
Losses	%			
Dry Gas		4.16	3.69	3.35
H2O in Fuel		(2) 4.92	1.22	1.61
H2 in Fuel		---	3.66	3.74
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.84	.84
Radiation		.79	.98	.98
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.92	12.04
Efficiency	%	88.49	88.08	87.96
Unit Output	MKB	938.7	752.0	752.0
Fuel Input	MKB	1060.8	853.8	854.9
Fuel Rate	MLB/HR	89.3	71.9	76.5

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 18A : 04/28/92 : 1636-1820 : 90 MW : 11 TPH : 3 CYCLONES JDR-071392

		CONTRACT SUMMARY SHEET	TEST 45T CORRECTED FOR CONTR. CONDITIONS	TEST 45T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	689	686
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	150.3
Gas Temp Lvg Econ	F	676.2	628.6	628.6
Gas Flow Ent AH	MLB/HR	1022	763	771
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	291.9
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~289.0~~	~~300.6~~
Excess Air Lvg Econ	%	17.0	17.0	16.5
Excess Air Lvg AH	%	---	---	24.8
Excess Air to Burners	%	15.0	15.0	13.8
AH Leakage	MLB/HR	0	---	50
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.734	9.743
Dry Air Wt to Burners	LB/LB Fuel	---	10.164	9.194
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.311	10.366
Losses	%			
Dry Gas		4.16	3.54	3.24
H2O in Fuel		(2) 4.92	1.22	1.92
H2 in Fuel		---	3.65	3.90
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.22	1.22
Radiation		.79	1.05	1.05
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.21	12.85
Efficiency	%	88.49	87.79	87.15
Unit Output	MKB	938.7	702.9	702.9
Fuel Input	MKB	1060.8	800.7	806.5
Fuel Rate	MLB/HR	89.3	67.4	74.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 45T : 03/02/91 : 1605-1658 : 86 MW : 12 TPH : MED STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 5A CORRECTED FOR CONTR. CONDITIONS	TEST 5A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	666	704
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	132.6
Gas Temp Lvg Econ	F	676.2	688.2	688.2
Gas Flow Ent AH	MLB/HR	1022	737	784
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	289.4
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	307.5	299.5
Excess Air Lvg Econ	%	17.0	17.0	23.9
Excess Air Lvg AH	%	---	---	33.0
Excess Air to Burners	%	15.0	15.0	21.1
AH Leakage	MLB/HR	0	---	53
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.833	10.783
Dry Air Wt to Burners	LB/LB Fuel	---	10.255	10.175
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.411	11.364
Losses	%			
Dry Gas		4.16	3.98	3.87
H2O in Fuel		(2) 4.92	1.23	1.62
H2 in Fuel		---	3.68	3.77
Moisture in Air		.04	.04	.02
Unburned Combustible		.10	.38	.38
Radiation		.79	1.10	1.10
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.91	12.26
Efficiency	%	88.49	88.09	87.74
Unit Output	MKB	938.7	676.0	676.0
Fuel Input	MKB	1060.8	767.4	770.5
Fuel Rate	MLB/HR	89.3	64.6	69.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 5A : 04/06/92 : 1300-1506 : 82 MW : NO REBURN : ACCUREX TRAV JDR-071092

		CONTRACT SUMMARY SHEET	TEST 11A CORRECTED FOR CONTR. CONDITIONS	TEST 11A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	668	664
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	127.6
Gas Temp Lvg Econ	F	676.2	622.8	622.8
Gas Flow Ent AH	MLB/HR	1022	740	744
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~277.5~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	286.1	289.1
Excess Air Lvg Econ	%	17.0	17.0	16.4
Excess Air Lvg AH	%	---	---	26.8
Excess Air to Burners	%	15.0	15.0	13.7
AH Leakage	MLB/HR	0	---	60
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.789	10.112
Dry Air Wt to Burners	LB/LB Fuel	---	10.215	9.511
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.367	10.691
Losses	%			
Dry Gas		4.16	3.50	3.51
H2O in Fuel		(2) 4.92	1.22	1.62
H2 in Fuel		---	3.64	3.77
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.75	.75
Radiation		.79	1.09	1.09
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.73	12.26
Efficiency	%	88.49	88.27	87.74
Unit Output	MKB	938.7	682.2	682.2
Fuel Input	MKB	1060.8	772.9	777.5
Fuel Rate	MLB/HR	89.3	65.1	69.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 11A : 04/15/92 : 2130-2339 : 82 MW : 11.5 TPH: 160 RPM: LOW STOICJDR-071392

		CONTRACT SUMMARY SHEET	TEST 11B CORRECTED FOR CONTR. CONDITIONS	TEST 11B WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	671	676
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	127.1
Gas Temp Lvg Econ	F	676.2	621.1	621.1
Gas Flow Ent AH	MLB/HR	1022	743	756
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	274.7
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~285.7~~	~~286.6~~
Excess Air Lvg Econ	%	17.0	17.0	17.8
Excess Air Lvg AH	%	---	---	28.7
Excess Air to Burners	%	15.0	15.0	15.1
AH Leakage	MLB/HR	0	---	64
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.741	10.183
Dry Air Wt to Burners	LB/LB Fuel	---	10.171	9.587
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.318	10.762
Losses	%			
Dry Gas		4.16	3.47	3.49
H2O in Fuel		(2) 4.92	1.22	1.62
H2 in Fuel		---	3.64	3.77
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.16	1.16
Radiation		.79	1.08	1.08
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.10	12.64
Efficiency	%	88.49	87.90	87.36
Unit Output	MKB	938.7	685.5	685.5
Fuel Input	MKB	1060.8	779.9	784.7
Fuel Rate	MLB/HR	89.3	65.7	70.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 11B : 04/16/92 : 0042-0215 : 82 MW : 11.5 TPH : 160 RPM JDR-071392

		CONTRACT SUMMARY SHEET	TEST 11C CORRECTED FOR CONTR. CONDITIONS	TEST 11C WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	667	706
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	126.7
Gas Temp Lvg Econ	F	676.2	615.9	615.9
Gas Flow Ent AH	MLB/HR	1022	739	786
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	274.2
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	283.8	286.1
Excess Air Lvg Econ	%	17.0	17.0	23.4
Excess Air Lvg AH	%	---	---	34.8
Excess Air to Burners	%	15.0	15.0	20.7
AH Leakage	MLB/HR	0	---	66
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.750	10.659
Dry Air Wt to Burners	LB/LB Fuel	---	10.179	10.060
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.328	11.240
Losses	%			
Dry Gas		4.16	3.44	3.65
H2O in Fuel		(2) 4.92	1.21	1.62
H2 in Fuel		---	3.64	3.77
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.08	1.08
Radiation		.79	1.09	1.09
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.99	12.73
Efficiency	%	88.49	88.01	87.27
Unit Output	MKB	938.7	681.8	681.8
Fuel Input	MKB	1060.8	774.7	781.3
Fuel Rate	MLB/HR	89.3	65.2	69.9

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 11C : 04/16/92 : 0236-0327 : 82 MW : 11.5 TPH: 160 RPM: HIGH OFA JDR-071392

		CONTRACT SUMMARY SHEET	TEST 12A CORRECTED FOR CONTR. CONDITIONS	TEST 12A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	675	675
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	126.7
Gas Temp Lvg Econ	F	676.2	621.9	621.9
Gas Flow Ent AH	MLB/HR	1022	747	756
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	279.4
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~286.2~~	~~291.0~~
Excess Air Lvg Econ	%	17.0	17.0	17.1
Excess Air Lvg AH	%	---	---	27.3
Excess Air to Burners	%	15.0	15.0	14.4
AH Leakage	MLB/HR	0	---	60
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.741	10.121
Dry Air Wt to Burners	LB/LB Fuel	---	10.171	9.526
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.318	10.700
Losses	%			
Dry Gas		4.16	3.48	3.57
H2O in Fuel		(2) 4.92	1.22	1.63
H2 in Fuel		---	3.64	3.77
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.16	1.16
Radiation		.79	1.07	1.07
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.10	12.72
Efficiency	%	88.49	87.90	87.28
Unit Output	MKB	938.7	689.1	689.1
Fuel Input	MKB	1060.8	784.0	789.5
Fuel Rate	MLB/HR	89.3	66.0	70.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 12A : 04/16/92 : 2047-2229 : 83 MW : 11.5 TPH: 160 RPM: MED STOICJDR-071392

		CONTRACT SUMMARY SHEET	TEST 13A CORRECTED FOR CONTR. CONDITIONS	TEST 13A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	671	680
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	121.7
Gas Temp Lvg Econ	F	676.2	662.6	662.6
Gas Flow Ent AH	MLB/HR	1022	743	760
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~280.5~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	299.3	292.3
Excess Air Lvg Econ	%	17.0	17.0	18.7
Excess Air Lvg AH	%	---	---	28.8
Excess Air to Burners	%	15.0	15.0	15.9
AH Leakage	MLB/HR	0	---	59
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.741	10.253
Dry Air Wt to Burners	LB/LB Fuel	---	10.171	9.656
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.318	10.832
Losses	%			
Dry Gas		4.16	3.77	3.76
H2O in Fuel		(2) 4.92	1.22	1.63
H2 in Fuel		---	3.66	3.79
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.16	1.16
Radiation		.79	1.09	1.09
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.43	12.95
Efficiency	%	88.49	87.57	87.05
Unit Output	MKB	938.7	682.5	682.5
Fuel Input	MKB	1060.8	779.4	784.0
Fuel Rate	MLB/HR	89.3	65.6	70.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 13A : 04/21/92 : 2202-2304 : 82 MW :11.5 TPH: 160 RPM: HIGH STOICJDR-071392

		CONTRACT SUMMARY SHEET	TEST 4BM CORRECTED FOR CONTR. CONDITIONS	TEST 4BM WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	672	662
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	140.9
Gas Temp Lvg Econ	F	676.2	628.5	628.5
Gas Flow Ent AH	MLB/HR	1022	744	743
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	283.7
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	288.2	296.8
Excess Air Lvg Econ	%	17.0	17.0	15.7
Excess Air Lvg AH	%	---	---	27.9
Excess Air to Burners	%	15.0	15.0	13.0
AH Leakage	MLB/HR	0	---	71
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.776	10.041
Dry Air Wt to Burners	LB/LB Fuel	---	10.203	9.441
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.354	10.619
Losses	%			
Dry Gas		4.16	3.54	3.36
H2O in Fuel		(2) 4.92	1.22	1.61
H2 in Fuel		---	3.65	3.73
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.86	.86
Radiation		.79	1.08	1.08
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.88	12.16
Efficiency	%	88.49	88.12	87.84
Unit Output	MKB	938.7	686.1	686.1
Fuel Input	MKB	1060.8	778.6	781.1
Fuel Rate	MLB/HR	89.3	65.6	69.9

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 4BM : 05/07/92 : 1723-1803 : 82 MW : 11.5 TPH JDR-071392

		CONTRACT SUMMARY SHEET	TEST 11T CORRECTED FOR CONTR. CONDITIONS	TEST 11T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	652	668
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	140.6
Gas Temp Lvg Econ	F	676.2	598.1	598.1
Gas Flow Ent AH	MLB/HR	1022	722	749
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	274.6
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	277.3	284.2
Excess Air Lvg Econ	%	17.0	17.0	19.5
Excess Air Lvg AH	%	---	---	29.3
Excess Air to Burners	%	15.0	15.0	16.7
AH Leakage	MLB/HR	0	---	56
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.826	10.074
Dry Air Wt to Burners	LB/LB Fuel	---	10.249	9.506
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.404	10.699
Losses	%			
Dry Gas		4.16	3.32	3.20
H2O in Fuel		(2) 4.92	1.21	1.92
H2 in Fuel		---	3.63	3.91
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.44	.44
Radiation		.79	1.11	1.11
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.24	12.10
Efficiency	%	88.49	88.76	87.90
Unit Output	MKB	938.7	667.4	667.4
Fuel Input	MKB	1060.8	751.9	759.3
Fuel Rate	MLB/HR	89.3	63.3	70.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 11T : 02/16/91 : 0814-0814 : 81 MW : SINGLE SCAN NO REBURN BASE JDR-071092

		CONTRACT SUMMARY SHEET	TEST 12T CORRECTED FOR CONTR. CONDITIONS	TEST 12T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	659	660
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	144.7
Gas Temp Lvg Econ	F	676.2	610.6	610.6
Gas Flow Ent AH	MLB/HR	1022	730	742
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~284.6~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	281.8	293.0
Excess Air Lvg Econ	%	17.0	17.0	17.0
Excess Air Lvg AH	%	---	---	25.1
Excess Air to Burners	%	15.0	15.0	14.2
AH Leakage	MLB/HR	0	---	47
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.731	9.779
Dry Air Wt to Burners	LB/LB Fuel	---	10.162	9.221
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.309	10.402
Losses	%			
Dry Gas		4.16	3.38	3.21
H2O in Fuel		(2) 4.92	1.21	1.92
H2 in Fuel		---	3.64	3.91
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.24	1.24
Radiation		.79	1.10	1.10
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.10	12.90
Efficiency	%	88.49	87.90	87.10
Unit Output	MKB	938.7	674.0	674.0
Fuel Input	MKB	1060.8	766.8	773.8
Fuel Rate	MLB/HR	89.3	64.6	71.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 12T : 02/16/91 : 1229-1457 : 82 MW : 11.5 TPH : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 13T CORRECTED FOR CONTR. CONDITIONS	TEST 13T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	660	665
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	144.4
Gas Temp Lvg Econ	F	676.2	618.9	618.9
Gas Flow Ent AH	MLB/HR	1022	731	746
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~286.2~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	284.5	294.8
Excess Air Lvg Econ	%	17.0	17.0	17.6
Excess Air Lvg AH	%	---	---	25.9
Excess Air to Burners	%	15.0	15.0	14.9
AH Leakage	MLB/HR	0	---	48
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.734	9.836
Dry Air Wt to Burners	LB/LB Fuel	---	10.164	9.278
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.311	10.460
Losses	%			
Dry Gas		4.16	3.44	3.27
H2O in Fuel		(2) 4.92	1.22	1.93
H2 in Fuel		---	3.64	3.91
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.22	1.22
Radiation		.79	1.10	1.10
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.15	12.95
Efficiency	%	88.49	87.85	87.05
Unit Output	MKB	938.7	673.9	673.9
Fuel Input	MKB	1060.8	767.1	774.2
Fuel Rate	MLB/HR	89.3	64.6	71.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 13T : 02/16/91 : 1508-1759 : 82 MW : 11.5 TPH : LOW STOIC 147 RPMJDR-071092

		CONTRACT SUMMARY SHEET	TEST 14T CORRECTED FOR CONTR. CONDITIONS	TEST 14T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	656	657
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	143.3
Gas Temp Lvg Econ	F	676.2	623.6	623.6
Gas Flow Ent AH	MLB/HR	1022	727	739
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	287.4
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~285.9~~	~~296.5~~
Excess Air Lvg Econ	%	17.0	17.0	17.0
Excess Air Lvg AH	%	---	---	25.5
Excess Air to Burners	%	15.0	15.0	14.2
AH Leakage	MLB/HR	0	---	49
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.731	9.779
Dry Air Wt to Burners	LB/LB Fuel	---	10.162	9.220
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.309	10.402
Losses	%			
Dry Gas		4.16	3.47	3.31
H2O in Fuel		(2) 4.92	1.22	1.93
H2 in Fuel		---	3.64	3.92
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.24	1.24
Radiation		.79	1.11	1.11
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.21	13.03
Efficiency	%	88.49	87.79	86.97
Unit Output	MKB	938.7	670.0	670.0
Fuel Input	MKB	1060.8	763.2	770.4
Fuel Rate	MLB/HR	89.3	64.3	71.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 14T : 02/16/91 : 1814-2004 : 82 MW : 11.5 TPH : LOW STOIC 160 RPMJDR-071092

		CONTRACT SUMMARY SHEET	TEST 33T CORRECTED FOR CONTR. CONDITIONS	TEST 33T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	663	682
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	131.0
Gas Temp Lvg Econ	F	676.2	597.5	597.5
Gas Flow Ent AH	MLB/HR	1022	735	764
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	285.7
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	277.6	296.8
Excess Air Lvg Econ	%	17.0	17.0	19.1
Excess Air Lvg AH	%	---	---	28.9
Excess Air to Burners	%	15.0	15.0	16.3
AH Leakage	MLB/HR	0	---	58
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.830	10.039
Dry Air Wt to Burners	LB/LB Fuel	---	10.252	9.475
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.407	10.664
Losses	%			
Dry Gas		4.16	3.32	3.68
H2O in Fuel		(2) 4.92	1.21	1.95
H2 in Fuel		---	3.63	3.96
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.41	.41
Radiation		.79	1.09	1.09
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.19	12.62
Efficiency	%	88.49	88.81	87.38
Unit Output	MKB	938.7	679.2	679.2
Fuel Input	MKB	1060.8	764.8	777.3
Fuel Rate	MLB/HR	89.3	64.4	71.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 33T : 02/24/91 : 2158-2209 : 83 MW : SINGLE SCAN NO REBURN BASE JDR-071092

		CONTRACT SUMMARY SHEET	TEST 34T CORRECTED FOR CONTR. CONDITIONS	TEST 34T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	661	661
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	131.1
Gas Temp Lvg Econ	F	676.2	607.7	607.7
Gas Flow Ent AH	MLB/HR	1022	732	743
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	279.9
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	280.9	289.0
Excess Air Lvg Econ	%	17.0	17.0	16.3
Excess Air Lvg AH	%	---	---	24.5
Excess Air to Burners	%	15.0	15.0	13.6
AH Leakage	MLB/HR	0	---	48
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.731	9.728
Dry Air Wt to Burners	LB/LB Fuel	---	10.162	9.170
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.309	10.351
Losses	%			
Dry Gas		4.16	3.37	3.40
H2O in Fuel		(2) 4.92	1.21	1.94
H2 in Fuel		---	3.64	3.95
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.24	1.24
Radiation		.79	1.10	1.10
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.09	13.15
Efficiency	%	88.49	87.91	86.85
Unit Output	MKB	938.7	676.1	676.1
Fuel Input	MKB	1060.8	769.1	778.5
Fuel Rate	MLB/HR	89.3	64.8	71.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 34T : 02/24/91 : 2250-2306 : 83 MW : 11.5 TPH : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 28T CORRECTED FOR CONTR. CONDITIONS	TEST 28T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	665	665
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	141.5
Gas Temp Lvg Econ	F	676.2	611.7	611.7
Gas Flow Ent AH	MLB/HR	1022	736	747
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~283.3~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	282.4	291.7
Excess Air Lvg Econ	%	17.0	17.0	16.8
Excess Air Lvg AH	%	---	---	24.8
Excess Air to Burners	%	15.0	15.0	14.0
AH Leakage	MLB/HR	0	---	47
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.734	9.767
Dry Air Wt to Burners	LB/LB Fuel	---	10.164	9.210
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.311	10.390
Losses	%			
Dry Gas		4.16	3.40	3.25
H2O in Fuel		(2) 4.92	1.21	1.93
H2 in Fuel		---	3.64	3.91
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.22	1.22
Radiation		.79	1.09	1.09
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.09	12.92
Efficiency	%	88.49	87.91	87.08
Unit Output	MKB	938.7	679.3	679.3
Fuel Input	MKB	1060.8	772.7	780.1
Fuel Rate	MLB/HR	89.3	65.1	71.9

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 28T : 02/22/91 : 1101-1257 : 83 MW : 11.5 TPH : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 29T CORRECTED FOR CONTR. CONDITIONS	TEST 29T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	673	668
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	145.8
Gas Temp Lvg Econ	F	676.2	617.7	617.7
Gas Flow Ent AH	MLB/HR	1022	745	751
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	290.5
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	284.7	299.2
Excess Air Lvg Econ	%	17.0	17.0	15.8
Excess Air Lvg AH	%	---	---	23.8
Excess Air to Burners	%	15.0	15.0	13.1
AH Leakage	MLB/HR	0	---	47
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.734	9.690
Dry Air Wt to Burners	LB/LB Fuel	---	10.164	9.136
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.311	10.313
Losses	%			
Dry Gas		4.16	3.45	3.29
H2O in Fuel		(2) 4.92	1.22	1.93
H2 in Fuel		---	3.64	3.91
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.22	1.22
Radiation		.79	1.08	1.08
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.14	12.95
Efficiency	%	88.49	87.86	87.05
Unit Output	MKB	938.7	687.7	687.7
Fuel Input	MKB	1060.8	782.7	790.0
Fuel Rate	MLB/HR	89.3	65.9	72.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 29T : 02/22/91 : 1504-1610 : 83 MW : 11.5 TPH : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 46T CORRECTED FOR CONTR. CONDITIONS	TEST 46T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	666	651
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	129.9
Gas Temp Lvg Econ	F	676.2	616.0	616.0
Gas Flow Ent AH	MLB/HR	1022	738	734
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	275.0
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	283.8	283.4
Excess Air Lvg Econ	%	17.0	17.0	14.2
Excess Air Lvg AH	%	---	---	21.8
Excess Air to Burners	%	15.0	15.0	11.4
AH Leakage	MLB/HR	0	---	45
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.694	9.521
Dry Air Wt to Burners	LB/LB Fuel	---	10.128	8.968
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.272	10.143
Losses	%			
Dry Gas		4.16	3.42	3.23
H2O in Fuel		(2) 4.92	1.21	1.94
H2 in Fuel		---	3.64	3.94
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.55	1.55
Radiation		.79	1.09	1.09
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.44	13.27
Efficiency	%	88.49	87.56	86.73
Unit Output	MKB	938.7	680.6	680.6
Fuel Input	MKB	1060.8	777.3	784.7
Fuel Rate	MLB/HR	89.3	65.4	72.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 46T : 03/03/91 : 1038-1202 : 83 MW : 11.5 TPH : NO GR TO BNRS JDR-071092

		CONTRACT SUMMARY SHEET	TEST 47T CORRECTED FOR CONTR. CONDITIONS	TEST 47T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	659	650
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	132.3
Gas Temp Lvg Econ	F	676.2	621.0	621.0
Gas Flow Ent AH	MLB/HR	1022	729	732
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~279.3~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	285.1	287.8
Excess Air Lvg Econ	%	17.0	17.0	15.2
Excess Air Lvg AH	%	---	---	23.0
Excess Air to Burners	%	15.0	15.0	12.4
AH Leakage	MLB/HR	0	---	45
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.724	9.630
Dry Air Wt to Burners	LB/LB Fuel	---	10.155	9.072
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.301	10.252
Losses	%			
Dry Gas		4.16	3.45	3.31
H2O in Fuel		(2) 4.92	1.22	1.94
H2 in Fuel		---	3.64	3.94
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.30	1.30
Radiation		.79	1.10	1.10
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.24	13.11
Efficiency	%	88.49	87.76	86.89
Unit Output	MKB	938.7	672.8	672.8
Fuel Input	MKB	1060.8	766.6	774.3
Fuel Rate	MLB/HR	89.3	64.5	71.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 47T : 03/03/91 : 1333-1426 : 82 MW : 11.5 TPH : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 49T CORRECTED FOR CONTR. CONDITIONS	TEST 49T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	657	677
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	132.8
Gas Temp Lvg Econ	F	676.2	609.1	609.1
Gas Flow Ent AH	MLB/HR	1022	727	759
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	278.3
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	281.1	287.7
Excess Air Lvg Econ	%	17.0	17.0	20.0
Excess Air Lvg AH	%	---	---	28.9
Excess Air to Burners	%	15.0	15.0	17.2
AH Leakage	MLB/HR	0	---	51
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.760	10.052
Dry Air Wt to Burners	LB/LB Fuel	---	10.188	9.491
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.337	10.677
Losses	%			
Dry Gas		4.16	3.38	3.44
H2O in Fuel		(2) 4.92	1.21	1.94
H2 in Fuel		---	3.64	3.94
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	1.00	1.00
Radiation		.79	1.10	1.10
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.86	12.95
Efficiency	%	88.49	88.14	87.05
Unit Output	MKB	938.7	671.3	671.3
Fuel Input	MKB	1060.8	761.6	771.2
Fuel Rate	MLB/HR	89.3	64.1	71.1

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 49T : 03/04/91 : 1101-1154 : 82 MW : 12.8 TPH : LOW STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 12B CORRECTED FOR CONTR. CONDITIONS	TEST 12B WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	674	678
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	126.9
Gas Temp Lvg Econ	F	676.2	635.7	635.7
Gas Flow Ent AH	MLB/HR	1022	746	759
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~278.2~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	290.6	290.0
Excess Air Lvg Econ	%	17.0	17.0	17.8
Excess Air Lvg AH	%	---	---	28.4
Excess Air to Burners	%	15.0	15.0	15.1
AH Leakage	MLB/HR	0	---	62
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.794	10.233
Dry Air Wt to Burners	LB/LB Fuel	---	10.220	9.633
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.372	10.813
Losses	%			
Dry Gas		4.16	3.60	3.59
H2O in Fuel		(2) 4.92	1.22	1.63
H2 in Fuel		---	3.65	3.77
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.71	.71
Radiation		.79	1.08	1.08
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.79	12.30
Efficiency	%	88.49	88.21	87.70
Unit Output	MKB	938.7	687.5	687.5
Fuel Input	MKB	1060.8	779.4	783.9
Fuel Rate	MLB/HR	89.3	65.6	70.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 12B : 04/16/92 : 2321-0103 : 83 MW :10.5 TPH: 160 RPM: HIGH STOICJDR-071392

		CONTRACT SUMMARY SHEET	TEST 37T CORRECTED FOR CONTR. CONDITIONS	TEST 37T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	561	591
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	130.7
Gas Temp Lvg Econ	F	676.2	594.9	594.9
Gas Flow Ent AH	MLB/HR	1022	622	663
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	280.4
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	271.9	289.2
Excess Air Lvg Econ	%	17.0	17.0	22.3
Excess Air Lvg AH	%	---	---	30.5
Excess Air to Burners	%	15.0	15.0	19.0
AH Leakage	MLB/HR	0	---	41
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.802	10.278
Dry Air Wt to Burners	LB/LB Fuel	---	10.227	9.675
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.380	10.904
Losses	%			
Dry Gas		4.16	3.19	3.60
H2O in Fuel		(2) 4.92	1.21	1.95
H2 in Fuel		---	3.62	3.95
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.64	.64
Radiation		.79	1.29	1.29
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.48	12.96
Efficiency	%	88.49	88.52	87.04
Unit Output	MKB	938.7	574.3	574.3
Fuel Input	MKB	1060.8	648.8	659.8
Fuel Rate	MLB/HR	89.3	54.6	60.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 37T : 02/25/91 : 2058-2127 : 70 MW : SINGLE SCAN NO REBURN BASE JDR-071092

		CONTRACT SUMMARY SHEET	TEST 42T CORRECTED FOR CONTR. CONDITIONS	TEST 42T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	563	568
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	142.3
Gas Temp Lvg Econ	F	676.2	602.1	602.1
Gas Flow Ent AH	MLB/HR	1022	624	641
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	278.9
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~274.3~~	~~287.5~~
Excess Air Lvg Econ	%	17.0	17.0	18.1
Excess Air Lvg AH	%	---	---	26.6
Excess Air to Burners	%	15.0	15.0	14.8
AH Leakage	MLB/HR	0	---	42
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.691	9.832
Dry Air Wt to Burners	LB/LB Fuel	---	10.125	9.239
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.268	10.455
Losses	%			
Dry Gas		4.16	3.21	3.16
H2O in Fuel		(2) 4.92	1.21	1.92
H2 in Fuel		---	3.63	3.91
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.58	1.58
Radiation		.79	1.29	1.29
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.45	13.38
Efficiency	%	88.49	87.55	86.62
Unit Output	MKB	938.7	575.7	575.7
Fuel Input	MKB	1060.8	657.6	664.6
Fuel Rate	MLB/HR	89.3	55.4	61.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 42T : 02/27/91 : 0044-0301 : 71 MW : 11 TPH : MED STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 38T CORRECTED FOR CONTR. CONDITIONS	TEST 38T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	563	555
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	132.4
Gas Temp Lvg Econ	F	676.2	595.8	595.8
Gas Flow Ent AH	MLB/HR	1022	623	627
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	277.0
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	272.3	285.5
Excess Air Lvg Econ	%	17.0	17.0	15.2
Excess Air Lvg AH	%	---	---	23.0
Excess Air to Burners	%	15.0	15.0	11.9
AH Leakage	MLB/HR	0	---	39
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.685	9.592
Dry Air Wt to Burners	LB/LB Fuel	---	10.120	9.000
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.262	10.215
Losses	%			
Dry Gas		4.16	3.17	3.25
H2O in Fuel		(2) 4.92	1.21	1.94
H2 in Fuel		---	3.62	3.94
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.63	1.63
Radiation		.79	1.29	1.29
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.45	13.57
Efficiency	%	88.49	87.55	86.43
Unit Output	MKB	938.7	575.6	575.6
Fuel Input	MKB	1060.8	657.5	666.0
Fuel Rate	MLB/HR	89.3	55.4	61.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 38T : 02/25/91 : 2230-2302 : 70 MW : 11.5 TPH : HIGH STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 35T CORRECTED FOR CONTR. CONDITIONS	TEST 35T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	560	557
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	134.5
Gas Temp Lvg Econ	F	676.2	589.9	589.9
Gas Flow Ent AH	MLB/HR	1022	620	630
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	276.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	270.3	284.5
Excess Air Lvg Econ	%	17.0	17.0	16.4
Excess Air Lvg AH	%	---	---	23.7
Excess Air to Burners	%	15.0	15.0	13.1
AH Leakage	MLB/HR	0	---	36
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.685	9.691
Dry Air Wt to Burners	LB/LB Fuel	---	10.120	9.097
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.262	10.314
Losses	%			
Dry Gas		4.16	3.12	3.22
H2O in Fuel		(2) 4.92	1.21	1.93
H2 in Fuel		---	3.62	3.93
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.63	1.63
Radiation		.79	1.29	1.29
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.40	13.52
Efficiency	%	88.49	87.60	86.48
Unit Output	MKB	938.7	572.6	572.6
Fuel Input	MKB	1060.8	653.7	662.1
Fuel Rate	MLB/HR	89.3	55.0	61.0

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 35T : 02/25/92 : 0029-0132 : 70 MW : 11.5 TPH : HIGH STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 39T CORRECTED FOR CONTR. CONDITIONS	TEST 39T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	563	555
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	132.4
Gas Temp Lvg Econ	F	676.2	595.8	595.8
Gas Flow Ent AH	MLB/HR	1022	623	627
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	277.0
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	272.3	285.1
Excess Air Lvg Econ	%	17.0	17.0	15.2
Excess Air Lvg AH	%	---	---	22.6
Excess Air to Burners	%	15.0	15.0	11.9
AH Leakage	MLB/HR	0	---	37
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.685	9.592
Dry Air Wt to Burners	LB/LB Fuel	---	10.120	9.000
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.262	10.215
Losses	%			
Dry Gas		4.16	3.17	3.24
H2O in Fuel		(2) 4.92	1.21	1.94
H2 in Fuel		---	3.62	3.94
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.63	1.63
Radiation		.79	1.29	1.29
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.45	13.56
Efficiency	%	88.49	87.55	86.44
Unit Output	MKB	938.7	575.6	575.6
Fuel Input	MKB	1060.8	657.5	665.9
Fuel Rate	MLB/HR	89.3	55.4	61.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 39T : 02/26/91 : 0005-0201 : 70 MW : 11.5 TPH : HIGH STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 1A CORRECTED FOR CONTR. CONDITIONS	TEST 1A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	545	579
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	133.3
Gas Temp Lvg Econ	F	676.2	656.0	656.0
Gas Flow Ent AH	MLB/HR	1022	604	650
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	276.0
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~290.4~~	~~285.4~~
Excess Air Lvg Econ	%	17.0	17.0	24.3
Excess Air Lvg AH	%	---	---	33.7
Excess Air to Burners	%	15.0	15.0	20.9
AH Leakage	MLB/HR	0	---	45
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.799	10.435
Dry Air Wt to Burners	LB/LB Fuel	---	10.224	9.822
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.376	11.061
Losses	%			
Dry Gas		4.16	3.59	3.51
H2O in Fuel		(2) 4.92	1.22	1.94
H2 in Fuel		---	3.65	3.93
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	.67	.67
Radiation		.79	1.33	1.33
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.99	12.91
Efficiency	%	88.49	88.01	87.09
Unit Output	MKB	938.7	554.9	554.9
Fuel Input	MKB	1060.8	630.5	637.2
Fuel Rate	MLB/HR	89.3	53.1	58.7

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 1A : 03/31/91 : 1435-1642 : 68 MW : NO REBURN JDR071092

		CONTRACT SUMMARY SHEET	TEST 19B CORRECTED FOR CONTR. CONDITIONS	TEST 19B WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	498	508
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	140.0
Gas Temp Lvg Econ	F	676.2	606.8	606.8
Gas Flow Ent AH	MLB/HR	1022	552	573
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	276.7
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~272.3~~	~~295.2~~
Excess Air Lvg Econ	%	17.0	17.0	19.9
Excess Air Lvg AH	%	---	---	38.5
Excess Air to Burners	%	15.0	15.0	16.3
AH Leakage	MLB/HR	0	---	81
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.621	10.244
Dry Air Wt to Burners	LB/LB Fuel	---	10.061	9.580
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.198	10.824
Losses	%			
Dry Gas		4.16	3.15	3.42
H2O in Fuel		(2) 4.92	1.21	1.61
H2 in Fuel		---	3.62	3.73
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	2.17	2.17
Radiation		.79	1.46	1.46
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	13.14	13.91
Efficiency	%	88.49	86.86	86.09
Unit Output	MKB	938.7	508.6	508.6
Fuel Input	MKB	1060.8	585.5	590.8
Fuel Rate	MLB/HR	89.3	49.3	52.9

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 20A : 05/01/92 : 0115-0157 : 60 MW : 8 TPH : .944 RBN STOIC JDR-071392

		CONTRACT SUMMARY SHEET	TEST 22B CORRECTED FOR CONTR. CONDITIONS	TEST 22B WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	505	513
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	140.0
Gas Temp Lvg Econ	F	676.2	592.1	592.1
Gas Flow Ent AH	MLB/HR	1022	559	578
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	277.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	268.1	290.5
Excess Air Lvg Econ	%	17.0	17.0	19.7
Excess Air Lvg AH	%	---	---	32.3
Excess Air to Burners	%	15.0	15.0	16.0
AH Leakage	MLB/HR	0	---	56
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.614	10.213
Dry Air Wt to Burners	LB/LB Fuel	---	10.054	9.553
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.191	10.792
Losses	%			
Dry Gas		4.16	3.05	3.30
H2O in Fuel		(2) 4.92	1.21	1.61
H2 in Fuel		---	3.62	3.73
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	2.23	2.23
Radiation		.79	1.44	1.44
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	13.08	13.83
Efficiency	%	88.49	86.92	86.17
Unit Output	MKB	938.7	515.7	515.7
Fuel Input	MKB	1060.8	593.3	598.5
Fuel Rate	MLB/HR	89.3	50.0	53.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 2BM : 05/06/92 : 1636-1809 : 60 MW : AFTER RAMP DOWN IN AUTO JDR-071392

		CONTRACT SUMMARY SHEET	TEST 15A CORRECTED FOR CONTR. CONDITIONS	TEST 15A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	486	483
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	138.8
Gas Temp Lvg Econ	F	676.2	584.5	584.5
Gas Flow Ent AH	MLB/HR	1022	538	546
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	268.7
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~264.7~~	~~281.2~~
Excess Air Lvg Econ	%	17.0	17.0	17.4
Excess Air Lvg AH	%	---	---	30.2
Excess Air to Burners	%	15.0	15.0	13.6
AH Leakage	MLB/HR	0	---	55
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.650	10.060
Dry Air Wt to Burners	LB/LB Fuel	---	10.088	9.386
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.228	10.639
Losses	%			
Dry Gas		4.16	2.99	3.08
H2O in Fuel		(2) 4.92	1.21	1.60
H2 in Fuel		---	3.61	3.72
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.92	1.92
Radiation		.79	1.49	1.49
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.75	13.33
Efficiency	%	88.49	87.25	86.67
Unit Output	MKB	938.7	496.8	496.8
Fuel Input	MKB	1060.8	569.4	573.2
Fuel Rate	MLB/HR	89.3	47.9	51.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 15A : 04/23/92 : 2241-0045 : 59 MW : 8 TPH: 160 RPM: LOW STOIC JDR-071392

		CONTRACT SUMMARY SHEET	TEST 44T CORRECTED FOR CONTR. CONDITIONS	TEST 44T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	532	514
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	145.9
Gas Temp Lvg Econ	F	676.2	586.6	586.6
Gas Flow Ent AH	MLB/HR	1022	589	583
~~Ave Gas Temp Lvg AH (Incl Lkg)~~	~~F~~	~~304.0~~	~~---~~	~~273.6~~
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	267.8	281.2
Excess Air Lvg Econ	%	17.0	17.0	13.8
Excess Air Lvg AH	%	---	---	21.6
Excess Air to Burners	%	15.0	15.0	10.3
AH Leakage	MLB/HR	0	---	36
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.662	9.461
Dry Air Wt to Burners	LB/LB Fuel	---	10.099	8.855
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.239	10.083
Losses	%			
Dry Gas		4.16	3.06	2.83
H2O in Fuel		(2) 4.92	1.21	1.91
H2 in Fuel		---	3.62	3.88
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	1.82	1.82
Radiation		.79	1.36	1.36
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.60	13.32
Efficiency	%	88.49	87.40	86.68
Unit Output	MKB	938.7	543.9	543.9
Fuel Input	MKB	1060.8	622.3	627.5
Fuel Rate	MLB/HR	89.3	52.4	57.8

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 44T : 02/27/91 : 2103-2124 : 66 MW :10 TPH : HIGH STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 48T CORRECTED FOR CONTR. CONDITIONS	TEST 48T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	461	451
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	141.1
Gas Temp Lvg Econ	F	676.2	565.1	565.1
Gas Flow Ent AH	MLB/HR	1022	511	513
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	270.3
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	257.4	277.9
Excess Air Lvg Econ	%	17.0	17.0	15.1
Excess Air Lvg AH	%	---	---	23.0
Excess Air to Burners	%	15.0	15.0	11.1
AH Leakage	MLB/HR	0	---	32
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.618	9.527
Dry Air Wt to Burners	LB/LB Fuel	---	10.059	8.883
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.195	10.149
Losses	%			
Dry Gas		4.16	2.83	2.88
H2O in Fuel		(2) 4.92	1.20	1.92
H2 in Fuel		---	3.60	3.89
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	2.19	2.19
Radiation		.79	1.57	1.57
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.92	13.97
Efficiency	%	88.49	87.08	86.03
Unit Output	MKB	938.7	472.1	472.1
Fuel Input	MKB	1060.8	542.1	548.8
Fuel Rate	MLB/HR	89.3	45.6	50.6

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 48T : 03/03/91 : 2206-2349 : 57 MW : 7.9 TPH : HIGH STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 30T CORRECTED FOR CONTR. CONDITIONS	TEST 30T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	455	501
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	140.4
Gas Temp Lvg Econ	F	676.2	575.3	575.3
Gas Flow Ent AH	MLB/HR	1022	504	563
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	270.6
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	260.1	272.0
Excess Air Lvg Econ	%	17.0	17.0	28.9
Excess Air Lvg AH	%	---	---	30.5
Excess Air to Burners	%	15.0	15.0	24.9
AH Leakage	MLB/HR	0	---	6
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.775	10.791
Dry Air Wt to Burners	LB/LB Fuel	---	10.202	10.128
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.353	11.418
Losses	%			
Dry Gas		4.16	2.93	3.14
H2O in Fuel		(2) 4.92	1.20	1.91
H2 in Fuel		---	3.60	3.89
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	.87	.87
Radiation		.79	1.59	1.59
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	11.72	12.92
Efficiency	%	88.49	88.28	87.08
Unit Output	MKB	938.7	465.4	465.4
Fuel Input	MKB	1060.8	527.2	534.5
Fuel Rate	MLB/HR	89.3	44.4	49.3

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 30T : 02/23/91 : 0859-0930 : 56 MW : NO REBURN JDR-071092

		CONTRACT SUMMARY SHEET	TEST 43T CORRECTED FOR CONTR. CONDITIONS	TEST 43T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	449	445
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	146.0
Gas Temp Lvg Econ	F	676.2	566.1	566.1
Gas Flow Ent AH	MLB/HR	1022	497	506
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	274.4
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	257.0	282.6
Excess Air Lvg Econ	%	17.0	17.0	16.6
Excess Air Lvg AH	%	---	---	25.1
Excess Air to Burners	%	15.0	15.0	12.5
AH Leakage	MLB/HR	0	---	34
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.583	9.612
Dry Air Wt to Burners	LB/LB Fuel	---	10.026	8.963
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.160	10.235
Losses	%			
Dry Gas		4.16	2.81	2.90
H2O in Fuel		(2) 4.92	1.20	1.91
H2 in Fuel		---	3.60	3.88
Moisture in Air		.04	.02	.02
Unburned Combustible		.10	2.49	2.49
Radiation		.79	1.61	1.61
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	13.23	14.31
Efficiency	%	88.49	86.77	85.69
Unit Output	MKB	938.7	459.4	459.4
Fuel Input	MKB	1060.8	529.4	536.1
Fuel Rate	MLB/HR	89.3	44.6	49.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 43T : 02/27/91 : 0420-0532 : 55 MW : 8 TPH : MED STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 40T CORRECTED FOR CONTR. CONDITIONS	TEST 40T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	446	438
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	138.0
Gas Temp Lvg Econ	F	676.2	587.7	587.7
Gas Flow Ent AH	MLB/HR	1022	494	499
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	273.4
~~Ave Gas Temp Lvg AH (Excl Lkg)~~	~~F~~	~~0.0~~	~~263.3~~	~~281.5~~
Excess Air Lvg Econ	%	17.0	17.0	15.7
Excess Air Lvg AH	%	---	---	23.7
Excess Air to Burners	%	15.0	15.0	11.5
AH Leakage	MLB/HR	0	---	31
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.618	9.573
Dry Air Wt to Burners	LB/LB Fuel	---	10.059	8.917
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.195	10.195
Losses	%			
Dry Gas		4.16	2.95	3.04
H2O in Fuel		(2) 4.92	1.20	1.93
H2 in Fuel		---	3.61	3.91
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	2.19	2.19
Radiation		.79	1.63	1.63
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	13.11	14.22
Efficiency	%	88.49	86.89	85.78
Unit Output	MKB	938.7	455.3	455.3
Fuel Input	MKB	1060.8	524.0	530.8
Fuel Rate	MLB/HR	89.3	44.1	48.9

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 40T : 02/26/91 : 0535-0552 : 55 MW : 8.4 TPH : HIGH CYC STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 41T CORRECTED FOR CONTR. CONDITIONS	TEST 41T WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	442	439
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	135.9
Gas Temp Lvg Econ	F	676.2	589.5	589.5
Gas Flow Ent AH	MLB/HR	1022	489	500
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	272.5
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	263.6	280.7
Excess Air Lvg Econ	%	17.0	17.0	17.1
Excess Air Lvg AH	%	---	---	25.1
Excess Air to Burners	%	15.0	15.0	12.9
AH Leakage	MLB/HR	0	---	31
Moisture In Air	LB/LB DA	.0049	.0049	.0040
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.618	9.683
Dry Air Wt to Burners	LB/LB Fuel	---	10.059	9.024
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.195	10.306
Losses	%			
Dry Gas		4.16	2.96	3.10
H2O in Fuel		(2) 4.92	1.20	1.93
H2 in Fuel		---	3.61	3.92
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	2.19	2.19
Radiation		.79	1.64	1.64
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	13.13	14.30
Efficiency	%	88.49	86.87	85.70
Unit Output	MKB	938.7	450.9	450.9
Fuel Input	MKB	1060.8	519.1	526.1
Fuel Rate	MLB/HR	89.3	43.7	48.5

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 41T : 02/26/91 : 0559-0610 : 55 MW : 8.4 TPH : LOW CYC STOICH JDR-071092

		CONTRACT SUMMARY SHEET	TEST 14A CORRECTED FOR CONTR. CONDITIONS	TEST 14A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	465	455
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	134.8
Gas Temp Lvg Econ	F	676.2	565.5	565.5
Gas Flow Ent AH	MLB/HR	1022	515	516
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	259.0
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	257.7	274.7
Excess Air Lvg Econ	%	17.0	17.0	15.7
Excess Air Lvg AH	%	---	---	32.4
Excess Air to Burners	%	15.0	15.0	11.7
AH Leakage	MLB/HR	0	---	68
Moisture In Air	LB/LB DA	.0049	.0049	.0030
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.634	9.904
Dry Air Wt to Burners	LB/LB Fuel	---	10.073	9.217
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.211	10.483
Losses	%			
Dry Gas		4.16	2.84	2.98
H2O in Fuel		(2) 4.92	1.20	1.60
H2 in Fuel		---	3.60	3.72
Moisture in Air		.04	.03	.02
Unburned Combustible		.10	2.06	2.06
Radiation		.79	1.56	1.56
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.79	13.44
Efficiency	%	88.49	87.21	86.56
Unit Output	MKB	938.7	475.6	475.6
Fuel Input	MKB	1060.8	545.4	549.4
Fuel Rate	MLB/HR	89.3	45.9	49.2

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 14A : 04/22/92 : 2232-0036 : 55 MW : 8 TPH : 160 RPM: HIGH STOIC JDR-071392

		CONTRACT SUMMARY SHEET	TEST 19A CORRECTED FOR CONTR. CONDITIONS	TEST 19A WITH TEST CONDITIONS
Fuel		CONTRACT	CONTRACT	TEST
Air Flow Lvg AH (1)	MLB/HR	923	672	679
AH Air By-Pass Flow	MLB/HR	0.0	0.0	0.0
Ave Air Temp Ent AH	F	125.7	125.7	146.6
Gas Temp Lvg Econ	F	676.2	645.8	645.8
Gas Flow Ent AH	MLB/HR	1022	744	760
Ave Gas Temp Lvg AH (Incl Lkg)	F	304.0	---	290.8
Ave Gas Temp Lvg AH (Excl Lkg)	F	0.0	293.9	303.2
Excess Air Lvg Econ	%	17.0	17.0	18.6
Excess Air Lvg AH	%	---	---	30.2
Excess Air to Burners	%	15.0	15.0	15.8
AH Leakage	MLB/HR	0	---	69
Moisture In Air	LB/LB DA	.0049	.0049	.0043
Dry Gas Wt Lvg Econ	LB/LB Fuel	---	10.697	10.201
Dry Air Wt to Burners	LB/LB Fuel	---	10.130	9.608
Wet Gas Wt Lvg Econ	LB/LB Fuel	---	11.274	10.793
Losses	%			
Dry Gas		4.16	3.64	3.43
H2O in Fuel		(2) 4.92	1.22	1.61
H2 in Fuel		---	3.66	3.72
Moisture in Air		.04	.03	.03
Unburned Combustible		.10	1.53	1.53
Radiation		.79	1.08	1.08
Unaccounted		(3) 1.50	1.50	1.50
Summation of Losses		11.51	12.66	12.90
Efficiency	%	88.49	87.34	87.10
Unit Output	MKB	938.7	684.7	684.7
Fuel Input	MKB	1060.8	783.9	786.1
Fuel Rate	MLB/HR	89.3	66.0	70.4

(1) Includes By-Pass Flow (2) Includes H2 in Fuel Loss
(3) Includes Manufacturer's Margin of 0 %

TEST 19A : 04/29/92 : 1745-1859 : 82 MW : CONTROLS AUTO WITH CASCADE JDR-071392