

8005200604

OPERATING DATA REPORT

DOCKET NO. 50 - 250
 DATE Nov. 3, 1979
 COMPLETED BY V.T. Chilson
 TELEPHONE (305)552-3824

OPERATING STATUS

- 1. Unit Name: Turkey Point Unit No. 3
- 2. Reporting Period: October, 1979
- 3. Licensed Thermal Power (MWt): 2200
- 4. Nameplate Rating (Gross MWe): 760
- 5. Design Electrical Rating (Net MWe): 693
- 6. Maximum Dependable Capacity (Gross MWe): 700
- 7. Maximum Dependable Capacity (Net MWe): 666
- 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes - Unit No. 3 operated at approximately 100% R.P. except for outages of Oct. 6-13, 1979, and load reductions of Oct. 2-4, and 15-16, 1979.

- 9. Power Level To Which Restricted, If Any (Net MWe): NONE
- 10. Reasons For Restrictions, If Any: _____

| | This Month | Yr.-to-Date | Cumulative |
|---|------------------|------------------|-------------------|
| 11. Hours In Reporting Period | <u>745.0</u> | <u>7 296.0</u> | <u>60 537.6</u> |
| 12. Number Of Hours Reactor Was Critical | <u>602.4</u> | <u>3 974.6</u> | <u>46 547.0</u> |
| 13. Reactor Reserve Shutdown Hours | <u>-0-</u> | <u>18.7</u> | <u>213.3</u> |
| 14. Hours Generator On-Line | <u>594.7</u> | <u>3 790.5</u> | <u>44 967.8</u> |
| 15. Unit Reserve Shutdown Hours | <u>-0-</u> | <u>24.5</u> | <u>121.8</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>1 242 241</u> | <u>8 130 152</u> | <u>89 897 100</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>389 895</u> | <u>2 545 780</u> | <u>28 580 210</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>368 931</u> | <u>2 400 120</u> | <u>27 047 297</u> |
| 19. Unit Service Factor | <u>79.8</u> | <u>52.0</u> | <u>74.2</u> |
| 20. Unit Availability Factor | <u>79.8</u> | <u>52.3</u> | <u>74.5</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>74.4</u> | <u>49.4</u> | <u>60.1</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>71.5</u> | <u>47.4</u> | <u>57.3</u> |
| 23. Unit Forced Outage Rate | <u>0.3</u> | <u>4.1</u> | <u>2.6</u> |

- 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled refueling, maintenance, and inspections - Dec. 2, 1979 - Feb. 1, 1980.

- 25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

| 26. Units In Test Status (Prior to Commercial Operation): | Forecast | Achieved |
|---|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 250
 UNIT NAME Turkey Point Unit No. 3
 DATE Nov. 3, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH OCTOBER, 1979

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|-----|----------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 19 | 79-10-02 | F | -0- | A | 4 | N/A | HC | HTEXCH (D) | Load reduction to repair condenser tube leak. (Non-nuclear system) |
| 20 | 79-10-06 | S | 148.6 | A | 1 | N/A | HH | HTEXCH (A) | Unit was removed from service to repair tube leaks in moisture-separator-reheater and miscellaneous secondary leaks. (Non-nuclear system) |
| 21 | 79-10-13 | F | 1.7 | A | 3 | N/A | HH | ZZZZZZ | Unit was tripped by steam generator No. 3C level protection system while increasing load after the unit was returned to service. (Non-nuclear system) |
| 22 | 79-10-15 | F | -0- | A | 4 | N/A | HC | HTEXCH (D) | Load reduction to repair condenser tube leak. (Non-nuclear system) |

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251
 UNIT Turkey Point
Unit No. 4
 DATE Nov. 3, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

MONTH OCTOBER, 1979

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | <u>649</u> | 17 | <u>658</u> |
| 2 | <u>648</u> | 18 | <u>655</u> |
| 3 | <u>648</u> | 19 | <u>626</u> |
| 4 | <u>650</u> | 20 | <u>630</u> |
| 5 | <u>646</u> | 21 | <u>480</u> |
| 6 | <u>646</u> | 22 | <u>654</u> |
| 7 | <u>648</u> | 23 | <u>654</u> |
| 8 | <u>654</u> | 24 | <u>654</u> |
| 9 | <u>656</u> | 25 | <u>652</u> |
| 10 | <u>656</u> | 26 | <u>652</u> |
| 11 | <u>653</u> | 27 | <u>615</u> |
| 12 | <u>651</u> | 28 | <u>558</u> |
| 13 | <u>652</u> | 29 | <u>659</u> |
| 14 | <u>658</u> | 30 | <u>661</u> |
| 15 | <u>500</u> | 31 | <u>660</u> |
| 16 | <u>644</u> | | |

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50 - 251
 DATE Nov. 3, 1979
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: October, 1979
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes- Unit No. 4 operated at approximately 100% R.P., except for load reductions of Oct. 15-16, 20-21, and 27-28, 1979.

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any:

| | This Month | Yr.-to-Date | Cumulative |
|--|------------------|-------------------|-------------------|
| 11. Hours In Reporting Period | <u>745.0</u> | <u>7 296.0</u> | <u>54 265.0</u> |
| 12. Number Of Hours Reactor Was Critical | <u>745.0</u> | <u>5 263.2</u> | <u>39 610.8</u> |
| 13. Reactor Reserve Shutdown Hours | <u>0.0</u> | <u>15.5</u> | <u>154.2</u> |
| 14. Hours Generator On-Line | <u>745.0</u> | <u>5 165.2</u> | <u>37 984.3</u> |
| 15. Unit Reserve Shutdown Hours | <u>0.0</u> | <u>18.9</u> | <u>18.9</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>1 601 688</u> | <u>10 510 489</u> | <u>78 650 356</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>498 670</u> | <u>3 252 808</u> | <u>25 088 533</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>473 949</u> | <u>3 073 495</u> | <u>23 758 200</u> |
| 19. Unit Service Factor | <u>100.0</u> | <u>70.8</u> | <u>70.0</u> |
| 20. Unit Availability Factor | <u>100.0</u> | <u>71.1</u> | <u>70.0</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>95.5</u> | <u>63.3</u> | <u>66.1</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>91.8</u> | <u>60.8</u> | <u>63.2</u> |
| 23. Unit Forced Outage Rate | <u>0.0</u> | <u>3.7</u> | <u>2.9</u> |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): | | | |

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|---------------|---------------|
| INITIAL CRITICALITY | <u> </u> | <u> </u> |
| INITIAL ELECTRICITY | <u> </u> | <u> </u> |
| COMMERCIAL OPERATION | <u> </u> | <u> </u> |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER, 1979

DOCKET NO. 50 - 251
 UNIT NAME Turkey Point Unit No.4
 DATE Nov. 3, 1979
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|-----|----------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|--|
| 17 | 79-10-15 | F | -0- | A | 4 | N/A | HC | HTEXCH (D) | Load reduction to repair condenser tube leak. (Non-nuclear system) |
| 18 | 79-10-20 | F | -0- | A | 4 | N/A | HC | HTEXCH (D) | Load reduction to repair condenser tube leak. (Non-nuclear system) |
| 19 | 79-10-27 | F | -0- | A | 4 | N/A | HC | HTEXCH (D) | Load reduction to repair condenser tube leak. (Non-nuclear system) |

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335
St. Lucie
 UNIT Unit No. 1

DATE Nov. 3, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH OCTOBER, 1979

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 1 | --- |
| 2 | 406 |
| 3 | 523 |
| 4 | 774 |
| 5 | 780 |
| 6 | 782 |
| 7 | 589 |
| 8 | 771 |
| 9 | 42 |
| 10 | --- |
| 11 | --- |
| 12 | --- |
| 13 | --- |
| 14 | 542 |
| 15 | 785 |
| 16 | 662 |

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 17 | 594 |
| 18 | 785 |
| 19 | 786 |
| 20 | 785 |
| 21 | 783 |
| 22 | 783 |
| 23 | 785 |
| 24 | 783 |
| 25 | 783 |
| 26 | 785 |
| 27 | 785 |
| 28 | 787 |
| 29 | 787 |
| 30 | 785 |
| 31 | 785 |

NOTE: Average daily power level greater than 777 MWe due to cooler condenser cooling water.

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50 - 335
 DATE Nov. 3, 1979
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: October, 1979
3. Licensed Thermal Power (MWt): 2560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): 802
6. Maximum Dependable Capacity (Gross MWe): 822
7. Maximum Dependable Capacity (Net MWe): 777
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes - Unit operated at approximately 100% R.P. after the unit returned to service on Oct. 2, 1979, except for outages of Oct. 3, 7, 9-14, and 16-17, 1979.

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: _____

| | This Month | Yr.-to-Date | Cumulative |
|---|------------------|-------------------|-------------------|
| 11. Hours In Reporting Period | <u>745.0</u> | <u>7 296.0</u> | <u>25 080.0</u> |
| 12. Number Of Hours Reactor Was Critical | <u>600.3</u> | <u>5 258.2</u> | <u>20 045.8</u> |
| 13. Reactor Reserve Shutdown Hours | <u>0.0</u> | <u>11.0</u> | <u>129.5</u> |
| 14. Hours Generator On-Line | <u>580.4</u> | <u>5 006.8</u> | <u>19 366.0</u> |
| 15. Unit Reserve Shutdown Hours | <u>0.0</u> | <u>11.0</u> | <u>32.0</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>1 439 455</u> | <u>12 319 887</u> | <u>46 538 035</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>465 010</u> | <u>3 979 600</u> | <u>15 086 550</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>437 108</u> | <u>3 741 654</u> | <u>14 184 492</u> |
| 19. Unit Service Factor | <u>77.9</u> | <u>68.6</u> | <u>77.2</u> |
| 20. Unit Availability Factor | <u>77.9</u> | <u>68.8</u> | <u>77.3</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>75.5</u> | <u>66.0</u> | <u>72.8</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>73.2</u> | <u>63.9</u> | <u>70.5</u> |
| 23. Unit Forced Outage Rate | <u>2.7</u> | <u>4.0</u> | <u>5.8</u> |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled refueling, maintenance, and inspections - March 30 - May 24, 1980.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

| | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER, 1979

Page 1 of 3

DOCKET NO. 50-335
 UNIT NAME St. Lucie Unit No.1
 DATE Nov. 3, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|-----|----------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 18 | 79-09-23 | S | 28.0 | D | 4 | N/A | HH | PIPEXX (E) | Unit was removed from service to perform the inspections required by Bulletin Nos. 79-13 and 79-14. (Continued from previous month) (Nuclear system) |
| 19 | 79-10-03 | F | 6.2 | A | 3 | N/A | HH | INSTRU (E) | Unit was tripped by the reactor protection system during a transient condition resulting from the loss of condensate pump No. 1B. Corrective actions included exercising the associated ammeter selector switch to ensure the switch contacts are closed when the switch is rotated to the "off" position. (Non-nuclear system) |

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

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⁵
 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-335

UNIT NAME St. Lucie Unit No. 1

DATE Nov. 3, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH OCTOBER 1979

Page 2 of 3

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|-----|----------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 20 | 79-10-07 | F | 3.9 | A | 3 | N/A | HH | VALVOP (D) | Unit was tripped by steam generator No. 1A level protection system due to loss of instrument air supply to the feedwater control valve. Corrective actions included replacing the failed instrument air supply line fitting. (Non-nuclear system) |
| 21 | 79-10-09 | S | 120.4 | A | 1 | N/A | CB | PUMPXX | Unit was removed from service to repair mechanical seal on reactor coolant pump No. 1B2. Corrective actions included replacing mechanical seal. (Nuclear system) |

¹
F: Forced
S: Scheduled

²
Reason:
A-Equipment Failure (Explain)
B-Maintenance of Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³
Method:
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2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

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⁵
Exhibit I - Same Source

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-335
 UNIT NAME St. Lucie Unit No. 1
 DATE Nov. 3, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH OCTOBER 1979

Page 3 of 3

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|-----|----------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 22 | 79-10-17 | F | 6.2 | A | 1 | N/A | HA | PIPEXX (A) | Unit was removed from service to repair a leak in the turbine control oil system piping. Corrective actions included rewelding the failed section of piping. (Non-nuclear system) |

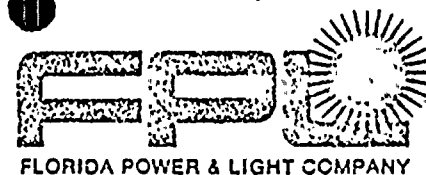
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 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
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 3-Automatic Scram.
 4-Other (Explain)

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⁵
 Exhibit I - Same Source




November 3, 1979

Office of Management Information.
and Program Controls
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

Attached are the October, 1979, Operating Summary Reports for
Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit No. 1.

Very truly yours,


A. D. Schmidt
Vice President
Power Resources

VTC/DDC

cc: Mr. James P. O'Reilly
Robert Lowenstein, Esquire

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 250

UNIT Turkey Point
Unit No. 3

DATE Nov. 3, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH OCTOBER, 1979

Unit No. 3 operated at approximately 100% R.P., except for outages of Oct. 6-13, 1979, and load reductions of Oct. 2-4, and 15-16, 1979. Refer to "Unit Shutdowns and Power Reductions" section of the October, 1979, Operating Status Report for additional information.

Major Safety-related maintenance activities performed during the month included:

- Performing inspections required by IE Bulletin No. 79-14 on systems accessible during Unit No. 3 operation.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251

UNIT Turkey Point
Unit No. 4

DATE Nov. 3, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH OCTOBER, 1979

Unit No. 4 operated at approximately 100% R.P., except for load reductions of Oct. 15-16, 20-21, and 27-28, 1979. Refer to "Unit Shutdowns and Power Reductions" section of the October, 1979, Operating Status Report for additional information.

Major Safety-related maintenance activities performed during the month included:

Performing inspections required by IE Bulletin No. 79-14 on systems accessible during Unit No. 4 operation.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 335

UNIT St. Lucie
Unit No. 1

DATE Nov. 3, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH OCTOBER, 1979

Unit operated at approximate 100% R.P. after the unit returned to service on Oct. 2, 1979, except for outages of Oct. 3, 7, 9-14, and 16-17, 1979. Refer to "Unit Shutdowns and Power Reductions" section of the October, 1979, Operating Status Report for additional information.

Major Safety-related maintenance activities performed during the month included:

Performing inspections required by IE Bulletin No. 79-13.

Performing inspections required by IE Bulletin No. 79-14.

Replaced mechanical seal on reactor coolant pump No. 1B2.