

AVERAGE DAILY UNIT POWER LEVEL

8005160363

DOCKET NO. 50-285

UNIT Fort Calhoun #1

DATE May 8, 1980

COMPLETED BY B. J. Hickie

TELEPHONE 402-536-4413

MONTH April, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0.0</u>	17	<u>0.0</u>
2	<u>0.0</u>	18	<u>0.0</u>
3	<u>0.0</u>	19	<u>0.0</u>
4	<u>0.0</u>	20	<u>0.0</u>
5	<u>0.0</u>	21	<u>0.0</u>
6	<u>0.0</u>	22	<u>0.0</u>
7	<u>0.0</u>	23	<u>0.0</u>
8	<u>0.0</u>	24	<u>0.0</u>
9	<u>0.0</u>	25	<u>0.0</u>
10	<u>0.0</u>	26	<u>0.0</u>
11	<u>0.0</u>	27	<u>0.0</u>
12	<u>0.0</u>	28	<u>0.0</u>
13	<u>0.0</u>	29	<u>0.0</u>
14	<u>0.0</u>	30	<u>0.0</u>
15	<u>0.0</u>	31	<u>0.0</u>
16	<u>0.0</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. 50-285  
 DATE May 8, 1980  
 COMPLETED BY B. J. Hickie  
 TELEPHONE 402-536-4413

OPERATING STATUS

1. Unit Name: Fort Calhoun #1
2. Reporting Period: April, 1980
3. Licensed Thermal Power (MWt): 1420
4. Nameplate Rating (Gross MWe): 502
5. Design Electrical Rating (Net MWe): 457
6. Maximum Dependable Capacity (Gross MWe): 481
7. Maximum Dependable Capacity (Net MWe): 457
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
N/A

Notes

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719.0	2,903.0	57,840.0
12. Number Of Hours Reactor Was Critical	0.0	432.9	44,834.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,309.5
14. Hours Generator On-Line	0.0	430.5	43,881.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0.0	574,730.9	53,809,760.2
17. Gross Electrical Energy Generated (MWH)	0.0	190,604.0	17,850,833.6
18. Net Electrical Energy Generated (MWH)	0.0	180,935.1	16,868,454.9
19. Unit Service Factor	0.0	14.8	75.9
20. Unit Availability Factor	0.0	14.8	75.9
21. Unit Capacity Factor (Using MDC Net)	0.0	13.6	64.3
22. Unit Capacity Factor (Using DER Net)	0.0	13.6	63.8
23. Unit Forced Outage Rate	0.0	0.0	4.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
None

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May 15, 1980

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1980

DOCKET NO. 50-285  
 UNIT NAME Fort Calhoun #1  
 DATE May 8, 1980  
 COMPLETED BY B. J. Hickie  
 TELEPHONE 402-536-4413

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
80-01	800118	S	2,472.5	C	1	N/A			Reactor shutdown for annual refueling and maintenance outage.

<sup>1</sup> F: Forced  
S: Scheduled

<sup>2</sup> 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)

<sup>3</sup> Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

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

<sup>5</sup> Exhibit I - Same Source

Refueling Information  
Fort Calhoun - Unit No. 1

Report for the month ending April 30, 1980.

- |   |                  |
|---|------------------|
| 1. Scheduled date for next refueling shutdown.  | March 15, 1981   |
| 2. Scheduled date for restart following refueling.  | May 15, 1981     |
| 3. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  | No               |
| a. If answer is yes, what, in general, will these be?   |                  |
| b. If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload.               | No               |
| c. If no such review has taken place, when is it scheduled?   | February 1, 1981 |
| 4. Scheduled date(s) for submitting proposed licensing action and support information.  |                  |
| 5. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures. |                  |
| 6. The number of fuel assemblies:   |                  |
| a) in the core  | 133 assemblies   |
| b) in the spent fuel pool   | 197 "            |
| c) spent fuel pool storage capacity   | 483 "            |
| d) planned spent fuel pool storage capacity   | 483 "            |
| 7. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.   | 1985             |

Prepared by JR Gayer Date April 30, 1980

OMAHA PUBLIC POWER DISTRICT  
Fort Calhoun Station Unit No. 1

April 1980  
Monthly Operations Report

I. OPERATIONS SUMMARY

Fort Calhoun was maintained in refueling shutdown during the month of April.

Operations completed required surveillance tests and supported special maintenance functions as required.

Simulator training at Combustion Engineering facility in Windsor, Connecticut, began in April.

Preparations for unit startup continued throughout April.

A. PERFORMANCE CHARACTERISTICS

<u>LER Number</u>	<u>Deficiency</u>
LER-006	As directed by IE Bulletin 79-01B the transmitter lead splices on HPSI Loop Flow Transmitters, the Pressurizer Pressure Transmitters and the Steam Generator Pressure Transmitters lack sufficient documentation to insure that the transmitters will remain operable in a POST LOCA environment. The splices will be coated with RTV3145 clear adhesive, which is a LOCA qualified adhesive/sealant.

B. CHANGES IN OPERATING METHODS

None

C. RESULTS OF SURVEILLANCE TESTS AND INSPECTIONS

Surveillance tests as required by the Technical Specifications Section 3.0 and Appendix B, were performed in accordance with the annual surveillance test schedule. The following is a summary of the surveillance tests which results in Operations Incidents and are not reported elsewhere in the report:

<u>Operations Incident</u>	<u>Deficiency</u>
OI-955 (ST-ESF-3)	A/PC-742-2 out of tolerance.
OI-954 (ST-FD-1)	Several detectors out of tolerance.
OI-959 (ST-RPS-5)	C/PIA-102Y out of tolerance.
OI-958 (ST-ESF-8)	LI-2904X, LT-2904Y, LT-2924Y, LT-2994Y out of tolerance.
OI-956 (ST-ESF-8)	A/PC-765, D/PC-765 out of tolerance.

D. CHANGES, TESTS AND EXPERIMENTS CARRIED OUT WITHOUT COMMISSION APPROVAL

<u>Procedure</u>	<u>Description</u>
EEAR-78-52A	Control Room Walk-in Cabinet Weather Stripping/ completed as designed.
DCR 77-26	Add drain line and valve to Auxiliary Feed Pump Sprinkler System/completed as designed.
EEAR 78-52A/ MP-FC-78-52A	Halon Discharge Test Control Room Walk-in Cabinet/completed as designed.
DCR 77-26	Reroute Fire Water Loop Pipe/completed as designed.
SP-SOBS-2	Examination of Welds in Stagnant Oxygenated and Borated Systems. No indications - continued operation justified.
SP-RCS-TEMP-1	RCS Temperature Rise with Shutdown Cooling secured. RCS Heatup on 4-9-80, 9 - 10°F. per hour.
DCR 77-25	Fire Detector Modification/ completed as designed.
CR 74B-63	Remote Annunciation of Warehouse Sprinkler System/completed as designed.
PM-RM-1	Radioactive Source Surveillance of Licensed Sources not at the Fort Calhoun Station/test completed with no significant abnormalities.
SP-VA-80	Hydrogen Purge System Test.
SP-ICI-1	ICI Flange Hydrostatic Testing.

E. RESULTS OF LEAK RATE TESTS

During the month of April, 1980, the plant was in a Refueling Shutdown condition. Local leak rate test continued on an "as needed" basis after valve and penetration repair. A comprehensive leak rate report will be forthcoming.

F. CHANGES IN PLANT OPERATING STAFF

None

G. TRAINING

Training during the month of April included Radiation Protection for contract personnel working on site, Cycle 6 training for all operators and Monitor Team training. Simulator Requalification Training at the Combustion Engineering Simulator in Windsor, Connecticut, began during the month.

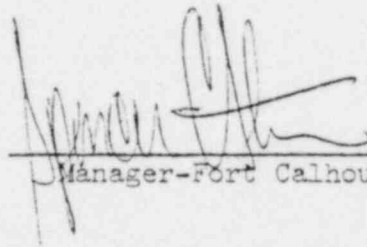
H. CHANGES, TESTS AND EXPERIMENTS REQUIRING NUCLEAR REGULATORY COMMISSION AUTHORIZATION PURSUANT TO 10CFR50.59.

1. Changes to Facility Operating License DPR-40

Amendment No. 47, dated April 1, 1980

The amendment revises Appendix A Technical Specifications for Cycle 6 core reload and reactor coolant system heatup and cooldown.

Approved By



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Manager-Fort Calhoun Station



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II. MAINTENANCE (Significant Safety Related)

M. O. #	Date	Description	Corrective Action
4136	3-3-80	Modify ACS-246/257 Pipe restraint.	Work performed, pipe restraint returned to operating condition.
4143	3-3-80	Modify ACH-283/ACS-103	Work performed, pipe restraint returned to operating condition.
4355	3-3-80	Modify SIS-131	Work performed, pipe restraint returned to operating condition.
4342	3-3-80	Modify RCS-54	Work performed, pipe restraint returned to operating condition.
4341	3-9-80	Modify SIS-129	Work performed, pipe restraint returned to operating condition.
4340	3-12-80	Modify SIS-120	Work performed, pipe restraint returned to operating condition.
4828	3-11-80	Modify SIS-117A	Eliminate contact with SI-6B tank pipe to 2B RC loop.
4158	2-27-80	Gasket leaking FC #1 CVCS letdown heat exchanger head.	Torqued head to 700 ft.lb.
4811	3-18-80	Fuel oil transfer pumps 1 and 2 do not pump.	Changed Filters, cleaned strainers and foot valves.
4853	3-12-80	Remove WDH-278.	This hanger has been removed.
4856	3-12-80	Remove WDH-279.	This hanger has been removed.
4854	3-19-80	Remove WDH-290.	This hanger has been removed.
4564	3-12-80	Grout pipe support at RCH-45.	Work performed, hanger returned to operating condition.
4928	3-21-80	Modify Restraint ACH-347.	Work performed, hanger returned to operating condition.
4720	3-21-89	Modify Restraint ACH-301.	Work performed, hanger returned to operating condition.
4929	3-21-80	Modify Restraint ACH-344.	Work performed, hanger returned to operating condition.
4852	3-21-80	Modify Restraint RCH-44.	Work performed, hanger returned to operating condition.



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II. MAINTENANCE (Significant Safety Related)

M. O. #	Date	Description	Corrective Action
4757	3-28-80	Replace damaged pipe restraint SIH-139.	Replaced hanger rods damaged during installation of retrofit design.
4903	3-20-80	Modify WDH-336/and WDS-173.	Work performed, hanger and support returned to operating condition.
4878	3-23-80	Modify WDH-282/and WDS-158.	Work performed, hanger and support returned to operating condition.
4857	3-23-80	Remove Pipe restraint ACS-42-16.	Work performed.
4797	3-28-80	Modify Pipe restraint AC Detail "A".	Work performed.
4585	3-19-80	Modify SIH-139.	Work performed, hanger returned to operating condition.
4335	3-19-80	Modify FWH-160.	Work performed and hanger returned to operating condition.
4390	3-18-80	Modify SIS-118A.	Work performed and support returned to operating condition.
4744	3-25-80	Modify SIS-95.	Work performed and support returned to operating condition.
4900	3-23-80	Modify ACS-96.	Work performed and support returned to operating condition.
4989	3-23-80	Modify SIS-134.	Work performed and support returned to operating condition.
4648	3-12-80	Modify ACS-269 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4860	3-18-80	Modify CAS-37.	Work performed, pipe restraint returned to operating condition.
4137	3-1-80	Modify ACS-243/254 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4749	3-27-80	Modify ACS-29A Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4805	3-3-80	Modify FWH-52.	Work performed, pipe restraint returned to operating condition.

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II. MAINTENANCE (Significant Safety Related)

M. O. #	Date	Description	Corrective Action
4802	3-3-80	Modify SIS-162 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
5063	3-31-80	Modify RWS-52A Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4583	3-10-80	Modify ACH-435 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4565	3-10-80	Modify RCH-46 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4563	3-12-80	Modify WDH-332/171A Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4551	3-7-80	Modify ACS-120 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4544	3-11-80	Modify MSS-6 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4647	3-11-80	Modify ACS-233 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4861	3-14-80	Modify WDS-171/WDH-305 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4548	3-16-80	Modify CAS-47 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4600	3-16-80	Repair SIS-115 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4868	-16-80	Repair WDS-146A Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4354	3-12-80	Modify SIS-122 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4139	3-1-80	Modify MSS-2 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
3717	3-8-80	D/PIC-902-Sigma, permissive to block setpoint drift down.	Sigma maintenance procedure MP-SIGMA-1 used for check. Replaced both LED's.
3716	3-8-80	C/PIC-905-Sigma, permissive to block setpoint drift down.	Sigma maintenance procedure MP-SIGMA-1 used for check. Replaced both LED's.

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II. MAINTENANCE (Significant Safety Related)

M. O. #	Date	Description	Corrective Action
4250	3-7-80	Containment Sump Level - LT-505. Sensor for containment sump level sensor dead.	Installed new cable from amplifier thru seal tile to sensor. Installed BNC male and female connectors on sensor end of cable. Calibrated sensor.
3715	3-8-80	D/PIC-905 Sigma. Permissive to block setpoint drift down.	Sigma maintenance procedure MP-SIGMA-1 used for check. Replaced both LED's.
4165	3-14-80	Metroscope, USPI OOS/OVLP and LLSP Master Alarm LLSP Setpoint drifts.	Replaced bad relay, repaired cold solder joint. Performed SCEAPIS to verify operability.
4833	3-21-80	W.D. 14B Spent Regent. Pump has seal leakage.	Adjusted packing, corrected leakage.
4325		WD-34 Spent Resin pump leaking.	Replaced packing and packing gland installed.
4523	3-8-80	D/PIC 905 Low Alarm LED will not clear.	Replaced LED's, perform ST-ESF-11.
4640	3-8-80	Solenoid Air Valve with dump vent on D-2 is blowing air out of a hole in bottom of the valve.	Replaced Pilot Stem and Block Assembly.
4550	3-9-80	Modify FWH-111.	Work performed, hanger returned to operating condition.
4598	3-12-80	Modify FWH-169.	Work performed, hanger returned to operating condition.
4793	3-27-80	Remove restraint ACS-296.	This modification consisted of support removal only. Work performed.
4901	3-17-80	Modify CAS-40.	Work performed, support returned to operating condition.
4931	3-20-80	Modify CAS-44.	Work performed, support returned to operating condition.
5000	3-20-80	Modify WDS-155.	Work performed, support returned to operating condition.
4906	3-20-80	Modify WDS-198.	Work performed, support returned to operating condition.

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II. MAINTENANCE (Significant Safety Related)

M. O. #	Date	Description	Corrective Action
4336	3-7-80	Modify FWS-49	Work performed, support returned to operating condition.
4315	3-14-80	Modify RCS-4	Work performed, support returned to operating condition.
4599	3-14-80	Install new pipe restraint FW-427-68.	This work performed per design and procedure.
4907	3-18-80	Install new restraint ACS-346.	This work performed per design and procedure.
4586	3-17-80	Modify ACS-111.	This work performed, support returned to operating condition.
4909	3-17-80	Modify ACS-242 and 253.	This work performed, support returned to operating condition.
4357	3-5-80	Modify RW-108 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4392	3-7-80	Modify RCH-54 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4182	3-1-80	Modify RCS-3A Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4111	3-3-80	Modify RCS-19 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4394	3-5-80	Modify CAS-34 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4526	3-27-80	Modify ACS-149 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4317	3-10-80	Repair SIS-166 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4322	3-1-80	Repair RCS-53 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4186	3-1-80	Repair ACS-245 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4187	3-3-80	Repair SIH-180 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.

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II. MAINTENANCE (Significant Safety Related)

M. O. #	Date	Description	Corrective Action
4375	3-10-80	Repair SIS-121 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4562	3-17-80	Repair WDS-186/CAS-45 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4376	3-17-80	Repair FWS-48 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4370	3-8-80	Repair FWS-40 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4368	3-7-80	Repair RCS-7A Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4954	3-15-80	Remove ACH-319 Pipe Restraint.	Work Completed.
4855	3-16-80	Remove WDS-157 Pipe Restraint.	Work Completed.
4961	3-17-80	Remove WDH-302 Pipe Restraint.	Work Completed.
4794	3-27-80	Remove ACH-345 Pipe Restraint.	Work Completed.
4922	2-15-80	Reweld ACS-99/ACH-278 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4773	3-25-80	Finish Weld SIS-127A Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4863	3-13-80	Grout holes RCS-17, MSS-4, RC-59, WDS-261.	Work completed.
4676	3-3-80	Lift floor plugs El. 1025 Aux. Bldg. for inspection of piping.	Plugs lifted and piping inspected.
4584	3-12-80	Modify RCS-44 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4997	3-20-80	Modify WDS-154 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4547	3-20-80	Modify CAS-54 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4924	3-19-80	Modify WDS-167 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.

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II. MAINTENANCE (Significant Safety Related)

M. O. #	Date	Description	Corrective Action
4321	3-1-80	Modify SIS-128 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4771	3-27-80	Modify ACS-138 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4393	3-10-80	Modify FWS-38 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4940	3-17-80	Modify FWH-110 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
5032	3-31-80	Modify SIH-148 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4549	3-11-80	Modify ACH-351 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4303	3-3-80	Modify ACS-98 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4301	3-5-80	Modify FWS-2C Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4323	3-3-80	Modify SIS-159A Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4337	3-3-80	Modify FWH-104 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4338	3-6-80	Modify SIS-158 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4339	3-3-80	Modify FWH-109 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4859	3-17-80	Modify WDS-194 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4200	3-3-80	Modify RCS-52 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4199	3-7-80	Modify MSS-5 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4172	3-3-80	Modify RCS-5B Pipe Restraint.	Work performed, pipe restraint returned to operating condition.



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II. MAINTENANCE (Significant Safety Related)

M. O. #	Date	Description	Corrective Action
4147	3-7-80	Modify SIS-153 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4211	3-3-80	Modify SIS-176 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.
4141	3-1-80	Modify FWS-39 Pipe Restraint.	Work performed, pipe restraint returned to operating condition.