

TENNESSEE VALLEY AUTHORITY
DIVISION OF NUCLEAR POWER
SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT
TO THE
NUCLEAR REGULATORY COMMISSION
OCTOBER 1, 1983 - OCTOBER 31, 1983

UNIT 1
DOCKET NUMBER 50-327
LICENSE NUMBER DPR-77

UNIT 2
DOCKET NUMBER 50-328
LICENSE NUMBER DPR-79

Submitted By:

CMason
Power Plant Superintendent

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Operations Summary

October, 1983

The following summary describes the significant operational activities for the month of October. In support of this summary, a chronological log of significant events is included in this report.

Unit 1

Unit 1 was critical for 745 hours, produced 861,990 MWH (gross), resulting in an average hourly gross load of 1,157,034 kW during the month. There are 43.2 full power days estimated remaining until the end of cycle 2 fuel. With a capacity factor of 85 percent, the target EOC exposure would be reached December 22, 1983. The capacity factor for the month was 97.8 percent. Cycle 3 refueling/modification outage is scheduled to begin January 2, 1984.

There were no reactor scrams, or no manual shutdowns, and there was one power reduction during October.

Unit 2

Unit 2 was critical for 456.2 hours, produced 309,380 MWH (gross), resulting in an average hourly gross load of 820,129 kW during the month. There are 273.4 full power days estimated remaining until the end of cycle 2 fuel. With a capacity factor of 85 percent, the target EOC exposure would be reached October 6, 1984. The capacity factor for the month was 35.5 percent.

There were no reactor scrams, one manual shutdowns, and no power reductions during October.

Significant Operational Events

Unit 1

<u>Date</u>	<u>Time</u>	<u>Event</u>
10/01/83	0001	Reactor in mode 1 at 100% power producing 1160 MWe.
10/26/83	1025	Began reducing power for an Incore/Excore calibration.
	1530	The reactor holding 85% power producing 1000 MWe for incore/excore calibration.
10/28/83	0153	Began power ascension.

Significant Operational Events

Unit 1

(Continued)

<u>Date</u>	<u>Time</u>	<u>Event</u>
10/28/83	1345	The reactor obtained 100% power and producing 1162 MWe.
10/31/83	2359	The reactor was in mode 1 at 100% power and producing 1160 MWe.

Unit 2

10/01/83	0001	The reactor was in mode 5. The refueling/modification clean up was in progress preparing to return the unit to service.
10/05/83	2137	The reactor entered mode 4.
10/07/83	1154	The reactor entered mode 3.
10/09/83	1240	The reactor was in mode 3 at full temperature and pressure and pulling control rods when rod K-8 in Bank A wouldn't move. A short to ground was found in the lift coil.
10/10/83	0245	Began cooling down to repair control rod K-8 lift coil.
	0758	The reactor entered mode 4.
	1200	The reactor entered mode 5.
10/11/83	1516	The reactor entered mode 4.
	2028	The Reactor entered mode 3.
10/12/83	2235	The reactor entered mode 2.
	2350	The reactor was taken critical.
10/15/83	1309	The reactor entered mode 1.
	1416	The unit was tied on-line.
	2200	The reactor was at 30% power producing 235 MWe and holding for steam generator chemistry clean-up.

Significant Operational Events

(Continued)

Unit 2

<u>Date</u>	<u>Time</u>	<u>Event</u>
10/16/83	1105	Began power reduction for the turbine overspeed test.
	1122	The unit was taken off-line.
	1404	The turbine testing completed.
10/17/83	0452	The unit was tied on-line.
	0600	The reactor was at 30% power producing 258 MWe and holding for steam generator chemistry.
10/19/83	1114	Began power ascension.
	1405	Held reactor power at 36% (325 MWe).
	2156	Began power ascension.
10/20/83	0620	Stopped the power ascension at 49% reactor power (500 MWe) due to chemistry.
	0730	Began power ascension.
	1155	Power ascension stopped at 53% reactor power (531 MWe) for maintenance on MFPT-B.
	1240	The reactor was at 50% power producing 510 MWe. Work continued on the MFPT-B controller.
10/21/83	0300	MFPT-B returned to service and MFPT-A removed from service for maintenance on the controller.
	1403	The reactor was held at 55% power, producing 626 MWe while work continued on both MFPT's.
10/22/83	0200	Began power ascension.
	0600	The reactor was held at 63% power, producing 720 MWe, for chemistry.

Significant Operational Events

(Continued)

Unit 2

<u>Date</u>	<u>Time</u>	<u>Event</u>
	0900	Began power ascension.
	1615	The reactor at 75% power and producing 871 MWe and holding for start-up testing.
10/24/83	1615	Began power ascension.
10/25/83	1415	The reactor obtained 100% power and producing 1150 MWe.
10/31/83	2359	The reactor was in mode 1 at 100% power producing 1185 MWe.

Fuel Performance

Unit 1

The core average fuel exposure accumulated during October was 1184.22 MWD/MTU with the total accumulated core average fuel exposure of 9505.03 MWD/MTU.

Unit 2

The core average fuel exposure accumulated during October was 446.89 MWD/MTU with the total accumulated core average fuel exposure of 446.89 MWD/MTU.

After a 88-day scheduled outage, initial criticality occurred on October 12, 1983. Low power physics testing commenced on October 12 and the reactor achieved 100% power on October 25. The unit was returned to commercial status (generator synchronization) on October 16.

PORV'S and Safety Valves Summary

No PORV's or safety valves were challenged during the month.

Licensee Events and Special Reports

The following Licensee Event Reports (LER's) were sent during October 1968, to the Assistant Director of Nuclear Power (Operations) for reporting to the Nuclear Regulatory Commission.

<u>LER</u>	<u>Unit 1</u>	<u>SUBJECT</u>
SQRO-50-327/83116		The RCS subcooling margin monitor was declared inoperable due to loss of the P-250 Computer.
SQRO-50-327/83117		The monthly surveillance on the Power Range of the incore/excore channel was not performed.
SQRO-50-327/83123		ABGTS Train A was declared inoperable when 1-FCV-30-149 failed to open.
SQRO-50-327/83125		Condenser vacuum exhaust flow rate monitor 2-FT-2-257 was declared inoperable.
SQRO-50-327/83126		Ice build up was found on the intermediate ice condenser doors.
SQRO-50-327/83128		Radiation monitor 1-RM-90-106B was declared inoperable when it failed to meet surveillance requirements.

<u>LER</u>	<u>Unit 2</u>	<u>SUBJECT</u>
SQRO-50-328/83122		Diesel generator 2A-A failed to maintain load during testing.
SQRO-50-328/83124 /83131		Condenser vacuum exhaust flow rate monitor 2-FT-2-257 was declared inoperable.
SQRO-50-328/83127		The PRZ safety valves failed to meet the lift setpoint limits.
SQRO-50-328/83129		Two MSIV's 2-FCV-1-22 & -29 would not close due to dried out packing.
SQRO-50-328/83130		Containment Sump Level Channel 2-LT-63-177 failed to meet the surveillance requirements.
SQRO-50-328/83132		Steam generator blow down radiation monitor 2-RM-90-120/121 failed to maintain adequate flow.
SQRO-50-328/83133		AFW pump 2A-A was declared inoperable when 2-LCV-3-156 failed to open.

Licensee Events and Special Reports

(Continued)

Unit 2

<u>LER</u>	<u>SUBJECT</u>
SQRO-50-328/83136	Diesel generator 2B-B was declared inoperable due to the loss of the 125V DC battery bank.
SQRO-50-328/83137	Diesel generator 2B-B was declared inoperable due to water in the lube oil.

Special Reports

There were no special reports transmitted during the month of October.

Offsite Dose Calculation Manual Changes

There were no changes to the Sequoyah Nuclear Plant ODCM during the month.

OPERATING DATA REPORT

DOCKET NO. 50-327

DATE November 15, 1983

COMPLETED BY M. Eddings

TELEPHONE (615) 870-6243

OPERATING STATUS

1. Unit Name: SEQUOYAH ONE
2. Reporting Period: October, 1983
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1220.6
5. Design Electrical Rating (Net MWe): 1148
6. Maximum Dependable Capacity (Gross MWe): 1183
7. Maximum Dependable Capacity (Net MWe): 1148
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (New MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	745	7296	20,473
12. Number of Hours Reactor Was Critical	745	6338.81	13,874.51
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	745	6226.6	13,546.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,517,539.03	20,279,238.18	43,561,980.18
17. Gross Electrical Energy Generated (MWH)	861,990	6,963,450	14,720,986
18. Net Electrical Energy Generated (MWH)	830,283	6,708,619	14,144,623
19. Unit Service Factor	100	85.3	66.2
20. Unit Availability Factor	100	85.3	66.2
21. Unit Capacity Factor (Using MDC Net)	97.1	80.1	60.2
22. Unit Capacity Factor (Using DER Net)	97.1	80.1	60.2
23. Unit Forced Outage Rate	0	8.9	13.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling/modification outage, 1/03/84.			

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

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast

Achieved

07/04/80

07/05/80

08/21/80

07/22/80

07/01/81

07/01/81

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327
 UNIT ONE
 DATE October, 1983
 COMPLETED BY M. Eddings
 TELEPHONE (615) 870-6248

MONTH OCTOBER

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1111</u>
2	<u>1107</u>
3	<u>1110</u>
4	<u>1112</u>
5	<u>1104</u>
6	<u>1107</u>
7	<u>1111</u>
8	<u>1113</u>
9	<u>1113</u>
10	<u>1115</u>
11	<u>1111</u>
12	<u>1114</u>
13	<u>1116</u>
14	<u>1109</u>
15	<u>1115</u>
16	<u>1118</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1118</u>
18	<u>1120</u>
19	<u>1121</u>
20	<u>1118</u>
21	<u>1119</u>
22	<u>1122</u>
23	<u>1125</u>
24	<u>1125</u>
25	<u>1125</u>
26	<u>1045</u>
27	<u>957</u>
28	<u>1058</u>
29	<u>1120</u>
30	<u>1118</u>
31	<u>1117</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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-327

UNIT NAME SEQUOYAH ONE

DATE November 15, 1983

COMPLETED BY M. Eddings

TELEPHONE (615) 870-6248

REPORT MONTH OCTOBER

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
									No Shutdowns or Power Reductions during month.

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-Cont. of Existing
Outage
5-Reduction
9-Other

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)

OPERATING DATA REPORT

DOCKET NO. 50-328
 DATE November 14, 1983
 COMPLETED BY David C. Dupree
 TELEPHONE (615) 870-6543

OPERATING STATUS

1. Unit Name: SEQUOYAH TWO
2. Reporting Period: OCTOBER, 1983
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1220.6
5. Design Electrical Rating (Net MWe): 1148
6. Maximum Dependable Capacity (Gross MWe): 1183
7. Maximum Dependable Capacity (New MWe): 1148
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
Items "6" and "7" were changed base on the Turbine Acceptance Test.

Notes

9. Power Level To Which Restricted, If Any (New MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	745	7296	12,433
12. Number of Hours Reactor Was Critical	456.2	5206.97	9095.67
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	377.2	5093.15	8,899.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	950,093.8	16,351,863.23	28,506,454.03
17. Gross Electrical Energy Generated (MWH)	309,380	5,608,870	9,690,720
18. Net Electrical Energy Generated (MWH)	286,728	5,399,785	9,326,075
19. Unit Service Factor	50.63	69.81	71.58
20. Unit Availability Factor	50.63	69.81	71.58
21. Unit Capacity Factor (Using MDC Net)	33.52	64.47	65.34
22. Unit Capacity Factor (Using DER Net)	32.53	62.56	63.41
23. Unit Forced Outage Rate	0.0	1.06	8.50
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: _____
26. Units In Test Status (Prior to Commercial Operation): _____

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328
 UNIT TWO
 DATE October 18, 1983
 COMPLETED BY D. C. Dupree
 TELEPHONE (615) 870-6543

MONTH OCTOBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	Down For Outage
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	62
16	113

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	236
18	233
19	236
20	476
21	563
22	748
23	844
24	860
25	1071
26	1134
27	1137
28	1138
29	1137
30	1131
31	1138

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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-328UNIT NAME SEQUOYAH TWODATE November 14, 1983COMPLETED BY D. C. DupreeTELEPHONE (615) 870-6543REPORT MONTH OCTOBER 1983

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
13	830719	S	350.27	C	4				Refueling/Modification Outage continues.
14	831016	S	17.50	B	9				Turbine Overspeed Test. Reactor power remained at 30%.

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-Cont. of Existing
Outage
5-Reduction
9-Other

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)

Plant Maintenance Summary

The following significant maintenance items were completed during the month of October 1983:

MECHANICAL MAINTENANCE

1. Changed out the Lube Oil Cooler on Diesel Generator 2B1.
2. Furmanited 1-FE-3-163 and 2-VLV-3-526
3. Replaced the bellow assembly on 1-FCV-43-64.
4. Installed a Scab plate on the ERCW line from CCS Hx.
5. Replaced the drain lines on 2AA and 2BB Centrifugal charging pumps.
6. Balanced Unit 2 Reactor Coolant Pumps.

Electrical Maintenance

1. Replaced a bad excitation transformer on diesel generator 2A-A.
2. Replaced a CRDM motor (unit 2) due to an open motor winding.
3. 2-FCV-90-109 did not close on a phase A signal. Replaced the solid state protection relay latch.
4. Inspected the reactor trip keypass breakers, per W vender request.
5. Performed a surveillance instruction on the vital battery banks and charger performance test.
6. The aux. feed water 2B-B pump (unit 2) failed to start with both main feed pumps tripped. Replaced a defective relay and returned the pump to service.
7. The acceptance criteria was not meet on the diesel generator battery system during inspection and surveillance instruction testing on 2A-A and 2B-B. Replaced cells 4, 5, & 6 on 2A-A and 28, 29, 30 on 2B-B.

Instrument Maintenance

Unit 1

1. Recalibrated the overtemperature ΔI flux penalty modules after discovery of a calibration error. This was reported by SQRO-50-327/83135.
2. Performed monthly testing of UHI accumulator level switches. Three switches were found within tolerance. One switch was found inoperable. This was the first time in 5 months that a switch has been found out-of-tolerance. The prototype static-o-ring switch was found within tolerance for the second consecutive month.

Plant Maintenance Summary

(Continued)

Instrument Maintenance

Unit 2

1. Recalibrated NIS power and intermediate range channels for new detector currents for startup after the refueling outage.
2. Replaced the high voltage power supply for NIS intermediate range channel N-36.
3. Added Silicon oil to "top off" the fill system for containment sump level transmitter 2LT-63-177. This is the third channel on Unit 2 requiring refill in the last two months. One channel on Unit 1 was refilled last month.
4. Performed maintenance and calibration on the speed governor and E-H converter for U2 "A" MFPT controls. Performed calibrations on same for "B" MFPT during startup.
5. Replaced a sampling resistor in power cabinet for bank C shutdown control rods.
6. Replaced slave relay K 615 in Train A SSPS and the latch mechanism on slave relay K 622 in Train B SSPS.
7. Condenser vacuum exhaust flow monitoring channel F-2-257 was declared inoperable twice this month resulting in LERs. The frequency of SI-189.1, which removes condensate from the sense line, was increased to daily performances. DCR-2023 has been submitted for evaluation by ENDES to resolve this problem.

Field Services Group

1. Critical Path

Critical path consisted of several sequential items this month of which FSG was responsible for SI-111, "Setpoint Testing for MSSVs".

2. Primary Containment

Snubber inspection and repair in accordance with SI-162 was completed for snubbers located inside containment. Final containment cleanup and inspection for entry into mode 4 were conducted.

Plant Maintenance Summary

(Continued)

Field Services (Continued)

3. Balance of Plant/Valves

Extensive work was accomplished inside containment this month during the unit 2 cycle 1 refueling outage to repair a control air system pipe.

Preparation has begun to install additional cable trays in the turbine building. Cable tray covers that have been removed are being replaced throughout the plant.

Repair of spare pressurizer safety valves was performed this month in anticipation of changeout of one or more of the unit 2 valves which are currently suspected to be leaking.

4. ECNs 2780/5200--Post-Accident Sampling Facility (Units 1 and 2)

Work is underway to complete conduit installation in the unit 1 annulus and was completed in the unit 2 annulus. Work has begun to install cable in the unit 2 annulus. Work continued on the installation of duct for the HVAC systems serving the PASF. The equipment pads have been set and equipment installed. Installation of PASF area conduit and sample tube continues. Work has begun to rework the stair case leading from the PASF area. Tubing inside unit 2 containment was installed during the unit 2 cycle 1 refueling outage in October.

5. ECN 5429--Containment Hydrogen Mitigation System (Units 1 and 2)

Removal of the old unit 2 system and restoration of both units containment lights in the old system electrical sockets were completed.

6. ENC 5009--ERCW Piping Changeout (Units 1 and 2)

ERCW piping serving the auxiliary air compressor "B" was changed out in order to install stainless steel piping this month. Work is underway to changeout the unit 1 "A" train penetration room and pipe chase cooler piping. Work was completed to changeout the ERCW return piping serving the centrifugal charging pump 2A room cooler and oil cooler.

7. ECN 5645--Steam Generator Blowdown (SGBD) (Units 1 and 2)

Nonoutage mechanical work is continuing for both units. No electrical work has started yet.

8. ECN 5198--Technical Support Center (TSC) (Units 1 and 2)

The TSC computer systems have been energized and the site acceptance test is underway. Hardware checkout will be completed by November 7 and software checkout by November 21. Conduit and cable pulls are continuing in the control building (elevations 685 and 669) and turbine building and is 90-percent complete. Fire protection piping for the TSC was completed this month.

Plant Maintenance Summary

(Continued)

Field Services (continued)

9. ECN 5642--Add N₂ Regulating Station To Supply N₂ To Deaeration Distribution System Inside Condensate Storage Tanks/and To Steam Generators (Units 1 and 2)

Work is complete inside both tanks on installation of the N₂ sparger and associated piping. Final pipe tie-in outside the tank is now complete. The tank vent piping has been installed as well as the tank pressure switch. Some minor work remains on the high pressure portion of the system and modification of the valve cabinets.

10. ECN 2773,2775,2779,2923--Post Accident Radiation Monitoring (Unit 2)

Instrument calibration and post-modification testing were completed as well as installation of a lead enclosure around the unit 2 reactor building exhaust stack radiation detector located on elevation 734 in the auxiliary building.

11. ECN 5847--Plant Fire Dampers (Units 1 and 2)

Of the 89 plant fire dampers, 86 have been modified. Work also remains on this ECN to change out 15 plant fire dampers.

12. ECN 5647--Main Feed Pump Turbine (MFPT) Condenser Air Removal Piping (Units 1 and 2)

Prefabrication of pipe and pipe supports is underway for unit 1.

13. ECN 5608--Pressurizer Manway (Units 1 and 2)

The manway cover was installed and leak tested prior to mode 4 entry.

14. ECN 5856--Pressurizer Loop Seal Drain (Units 1 and 2)

Prefabrication of pipe and pipe supports has not begun for unit 1. The unit 2 loop seal drain piping is valved out of service.

15. ECN 5773--Pressurizer Power Operated Relief Valve (PORV) and Piping Changeout (Units 1 and 2)

Cable terminations and functional testing were completed. The unit 1 portion of this ECN remains to be done.

16. ECN 5743--Improved Access to Pressurizer and Steam Generators (Units 1 and 2)

Substantial work remains for unit 1 but will not start until the unit 1 outage.

Plant Maintenance Summary

(Continued)

Field Services (continued)

17. ECN 2777--Reactor Pressure Vessel Head Vent (Unit 2)

One valve was replaced when it failed during functional testing. The I/I converter nonconformances have been cleared. Diode nonconformances have been cleared. The post-modification valve leakage test data was evaluated and found acceptable. This job is field complete.

18. ECN 5370--Replacement of EGTS, ABGTS, and Ventilation Fan Motors (Unit 0)

Thermal overload protection device functional testing was completed on all motors replaced during the unit 2 outage.

19. ECN 5106--Reactor Pressure Vessel Level Indication System

No mechanical field work was done this period. Mechanical engineering work is continuing. Electrical field work has started. Wiring junction boxes and terminating field cables at local panels and junction boxes is underway outside of the primary containment. Conduit and cable installation outside of containment is nearing completion. Electrical engineering work is continuing.

20. ECN 5596--Water Treatment System Neutralization

Work was completed this month to install the remaining pipe hangers. Work is underway to install control air tubing for the system.

21. ECN 5237--Laundry Facility

Field work resumed this month on the laundry facility to install HVAC ductwork. Preparation is underway to install the new chiller package in the service building on elevation 706.

22. ECN 5202--5th Diesel Generator Interface Work

Work is underway to complete installation of annunciation cables in the auxiliary and control buildings.

23. L1902--Add Isolation Valve and Trap to Pipe Serving Main Feedpump Turbine Drain Tank

This work was accomplished for unit 2. The unit 1 work remains to be done.

24. ECN 5664--Wells Fargo Tamper Indication

Prefabrication of electrical component assemblies to be installed for this modification is in progress as well as checkout of existing cables.

Plant Maintenance Summary

(Continued)

Field Services (continued)

25. ECN 5555--HPFP Deluge Valve Pressure Switch Supports

Installation of the hangers for the switches is complete except for two remaining hangers.

26. LDCR1883--Liquid N₂ System Support Facilities

Equipment installation is complete. An access platform was built but still lacks handrails.

27. LDCR1321--Install Turbine Building Safety Cables

This work was completed this month.

28. ECN 2456--Install H₂ System Hangers

This work is now 20-percent complete.

29. ECN 2974--Complete Response Time Cables-Unit 2 Refueling Water Storage Tank (RWST)

This work is 40-percent complete.

30. ECN 5420--Essential Air Compressor Relay Replacement

Work to replace the relays is 35-percent complete.

31. ECN 5495--Field Services Building Electrical Work

Work is continuing to complete the building electrically as material and manpower allow.

32. Planning and Scheduling

Planning, scheduling, and monitoring the status of the unit 2 cycle 1 refueling outage work was completed by the FSG planners with support from the central office Planning and Scheduling Group. The Project 2 computer program continues to be used for the outage and nonoutage schedules. Planning and scheduling of work to be done between the unit 2 cycle 1 refueling outage and the unit 1 cycle 2 refueling outage is continuing as well as assistance to the central office planning section for planning of the unit 1 cycle 2 refueling outage.

TENNESSEE VALLEY AUTHORITY

Sequoyah Nuclear Plant
P. O. Box 2000
Soddy-Daisy, Tennessee 37379

November 15, 1983

Nuclear Regulatory Commission
Office of Management Information
and Program Control
Washington, DC 20555

Gentlemen:

Enclosed is the October 1983 Monthly Operating Report to the NRC for Sequoyah Nuclear Plant.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

C. C. Mason

C. C. Mason
Power Plant Superintendent

Enclosure

cc (Enclosure):

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