

PDR

HEADQUARTERS DAILY REPORT

March 14, 1988

DIVISION OF RADIATION PROTECTION AND EMERGENCY PREPAREDNESS

RADIATION PROTECTION BRANCH

F. Branagan is assisting Region II in a special effluent treatment inspection at the St. Lucie facility. He will be at the St. Lucie facility from March 14 through March 18, 1988.

OFFICE OF SPECIAL PROJECTS

DATE: March 14, 1988

SEQUOYAH UNIT 2

RESTART MORNING STATUS REPORT

1. PLANT STATUS AS OF 6:00 am, March 14, 1988

Unit 2 is in hot standby (mode 3), with four RCPs operating. The RCS is currently at 535 degrees F and 1850 psig through a process of normal RCS charging/letdown. MSIV's are open. Pressurizer level is normal. Motor driven auxiliary feedwater pumps are maintaining steam generator levels in the operating range. The condensate system is on short cycle and there is a vacuum in the main condenser.

2. PROBLEMS/MAJOR ISSUES

- Completion of Mode 2 related items
- Reviewing the need to perform Appendix R work in the containment annulus

3. MAJOR EVENTS DURING THE PAST 24 HOURS

On March 13, at 11:25 p.m., the FBI received an anonymous phone call that Browns Ferry in Tennessee was going to be blown up. Since the location was confusing TVA increased the security at all their sites. The licensee has determined that the event was not credible per 10 CFR 73.71, however

On March 14, at 2:30 a.m., the turbine driven AFW pump was declared inoperable to perform STI-116, Pump Curve Full Flow test. At 4:50 a.m. it was determined that the STI could not be performed since steam generator #1 blowdown valve 2-LCV-1181 was inoperable. The unit is in LCO 3.7.1.2 until this issue is resolved.

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HEADQUARTERS DAILY REPORT
- Page 2 -
March 14, 1988

OFFICE OF SPECIAL PROJECTS

Sequoyah Unit 2 Daily Status Report (Continued)

4 PROJECTED MAJOR EVENTS FOR THE NEXT 24 HOURS

[note: based on 7 00 a.m. turnover without TVA management input from 9 a.m. "war room" meeting]

- Complete remaining GOI-1 steps prior to entry into mode 2.
- Resolve Mode 2 related open items.
- Complete TS required surveillance to support mode 2.
- Test Results from SI-111. Testing and Setting of Main Steam Safety Valves.
- Review Appendix R issues.

PRIORITY ATTENTION REQUIRED MORNING REPORT - REGION I MARCH 14, 1988

Licensee/Facility Notification/Subject

R E Ginna 3/14 SRI PC
DN 50-244 Plant Startup

Event

After a reactor trip on 3/10 (refer to daily report of 3/11/88), the reactor was taken critical on 3/12 at 1:40 A.M. The reactor trip and difficulties controlling Reactor Coolant System (RCS) temperature were attributed to a lack of experience dealing with a beginning-of-core-life-positive Moderator Temperature Coefficient. The positive MTC was expected due to core loading during the refueling outage which ended on 3/7. On 3/11, the simulator was re-programmed to model the positive MTC and operators practiced rolling the turbine and synchronizing the generator. On 3/12 and again on 3/13 after turbine overspeed testing, operators successfully synchronized the generator to the grid without further difficulties. As of 7:00 A.M. on 3/14, the reactor was at 76 percent power and proceeding toward full power at 3 percent per hour, according to recommendations of the station reactor engineer. The residents are onsite monitoring licensee progress.

Licensee/Facility Notification/Subject

Oyster Creek 3/24 SRI Fax
Management Change

Event

The licensee announced on 3/11/88, the election of Mr. Eugene E. Fitzpatrick as a Vice President of GPU Nuclear Corporation, effective 3/28. Mr. Fitzpatrick will replace Mr. Peter B. Fiedler as Director of Oyster Creek Nuclear Generating Station about 5/1. Mr. Fiedler will become Vice President and Director of a new division of GPU encompassing corporate-wide training and education and quality assurance program.

Previously, Mr. Fitzpatrick had been station manager for Commonwealth Edison Company's Braidwood Nuclear Station.

REGION I MORNING REPORT PAGE 2 MARCH 14, 1988

Licensee/Facility Notification/Subject

Nine Mile Point 2 3/13 ENS, Unusual Event
DN 50-410 Reactor Scram on Loss of Feedwater

Event

Nine Mile Point Unit 2 experienced a reactor scram due to low reactor vessel level. The low level was caused by the tripping of both feed pumps on low suction pressure and the resulting loss of feedwater. An UNUSUAL EVENT was declared because High Pressure Core Spray (HPCS) initiated to restore vessel level and was terminated within seventeen minutes. All safety systems functioned as designed.

Specifically, at 5:35 p.m. on 3/13, the unit was operating at 100% power when both reactor recirculation pumps automatically transferred from fast to slow

speed. As expected, the recirculation pump downshift caused reactor level to increase, and the level was adjusted by automatic feedwater control actions. However, low pressure feedwater heaters began isolating and heater bypass valves did not open. This reduced flow to the condensate booster and feedwater pumps and both feedwater pumps tripped on low suction pressure. Reactor vessel level decreased rapidly to the scram setpoint and continued to drop to the HPCS and Reactor Core Isolation Cooling (RCIC) initiation setpoints (108.8 inches). The lowest vessel level reached was 100 inches. Vessel level was returned to the normal range, and both the HPCS and RCIC pumps were secured. A feed pump was subsequently restarted to maintain level. The UNUSUAL EVENT was declared at 5:45 p.m. and terminated at 6:02 p.m..

Initial Niagara Mohawk review of the recirculation pump downshift indicated that this pump protective action should not have occurred. The transfer was caused by instrumentation designed to prevent recirculation pump cavitation due to pump suction temperature approaching the saturation temperature. However, the recirculation pump suction water temperature was 15 degrees F below the saturation temperature. The setpoint for the pump transfer is a differential temperature of 10.7 degrees F. Niagara Mohawk continues to investigate the cause of the recirculation pump downshift, the cause of the low pressure feed heater string isolations, and the failure of heater bypass valves to operate. Niagara Mohawk plans to restart the reactor after correcting these specific problems.

Niagara Mohawk had placed Nine Mile Point 2 in commercial operation on 3/11.

REGION I MORNING REPORT

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MARCH 14, 1988

Licensee/Facility

Hope Creek
DN 50-354

Notification/Subject

3/14 RI Fax
Reactor Coolant Spill

Event

At 11:41 a.m. on 3/13, the licensee spilled approximately 25,000 gallons of reactor water into the Torus basement. The plant was in operational condition 5 with the dryer/separator pool, reactor well, and fuel pool flooded up. An RHR valve in the Torus basement had been isolated (tagged) and removed for maintenance. The spill occurred when a redundant valve to a tagged shut boundary valve in the RHR system was opened for testing and the boundary valve leaked water to the Torus basement from the reactor which had been flooded up for refueling. The spill was promptly stopped when the fuel pool low water alarm was received in the control room. No one was injured or contaminated from the spill. The Torus basement has been dewatered and decontamination efforts are underway. The resident inspector is following the licensee's recovery actions.

Licensee/Facility

Limerick Unit 1
DN 50-352

Notification/Subject

3/11, ENS Call
Drug Transactions

Event

The licensee informed the NRC via ENS call per 10 CFR Part 73.71 at 8:37 p.m. on 3/11 of alleged cocaine transactions inside of the Unit 1 protected area. The information was obtained from confidential sources. Four contractor janitorial

personnel were interviewed on 3/11; one admitted to selling cocaine onsite in September 1987, and his employment was terminated. Three other personnel submitted to urinalysis and, pending test results, have had their Unit 1 access removed. Coincidentally, as part of the licensee's deterrent actions, drug detection dogs were randomly deployed onsite on 3/14 to search selected site locations beginning at 8 15 a.m. An NRC Region I Safeguards Supervisor and the SRI witnessed the searches.

REGION I MORNING REPORT

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MARCH 14, 1988

Licensee/Facility

Notification/Subject

Seabrook Units 1 and 2
DNs 56-443, 56-444

3/14 SRI Fax
Offsite Fires

Event

Between 7 00-7 30 a.m. on 3/12, two fires were reported within one mile of Seabrook Station. One fire to the south of the site at an abandoned lumber warehouse presented no concern. The other fire, approximately one mile northwest of the plant, involved a chemical distribution warehouse, which stored toxic chemicals and, as a general licensee, was reported to have stored small quantities of radioactive materials.

New Hampshire is an "Agreement State" and the State Radiation Health Program manager had been notified about the fire. The licensee responded to a request from local authorities for assistance by providing three health physics personnel for radiological monitoring and also provided meteorological data from the site tower. All radiation measurements taken of the air, fire-fighting water, equipment, and personnel revealed no levels above normal background levels.

At about 11 00 p.m., the local authorities evacuated a trailer park near the chemical fire. At 11 45 p.m., FEMA contacted the NRC HDO regarding the situation. Following discussion with senior management, the NRC resident inspector was dispatched to the plant. His review of the situation and discussion with both the control room operator and offsite authorities indicated that at no time was the plant adversely impacted or threatened by the fire. The control room HVAC remained aligned with a fresh air intake; and although the capability exists to isolate outside air and maintain recirculation flow, this was not necessary.

A member of the licensee's non-nuclear security guard force, stationed at the main gate to the owner controlled property, was temporarily relocated to avoid the fire's smoke. The protected area, further distanced from the fire, was not affected.

At approximately 2 15 a.m. on 3/13, local residents of the trailer park were allowed to return home. The unit shift supervisor notified the NRC HDO via the ENS of the situation returning to normal. The resident inspector interviewed the licensee HP personnel returning to the site. No problems were identified.

Region I duty personnel contacted the New Hampshire Radiation Health Program manager to ensure complete State cognizance of the situation. A briefing of the Commissioner's Technical Assistants was conducted by the SRI at Noon on 3/13 and no new developments were reported.

REGION I MORNING REPORT

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MARCH 14, 1988

Licensee/Facility

Calvert Cliffs Units 1 and 2
DNs 50-317, 50-318

Notification/Subject

3/11 ENS Call

Event

At 1 50 p.m. on 3/11, during a routine vehicle search prior to entry into the protected area, licensee security personnel found a small bag possibly containing marijuana under the driver's seat of a contractor's vehicle and possible "roaches" were found in the ashtray. The State Police were notified, came to the site, and arrested the individual. The vehicle was impounded. The individual involved worked for a janitorial contractor. The contractor has been used previously by the licensee, however, the contractor's employees are always under escort when they enter the protected area.

Licensee/Facility

Millstone Unit 1
DN 50-245

Notification/Subject

3/14 RI PC
Reactor Scram

Event

While at full power, at 5 18 am, 3/12, the "A" Reactor Feed Pump (RFP) tripped. An operator immediately started the standby RFP, but was unable to prevent the scram. Licensee review showed that, due to a dirty contact in the Feed Water Control System (FWCS), the Feedwater Regulating Valves (FRVs) had shut when RFP-A tripped. The contact was cleaned and the FWCS then tested satisfactorily. The licensee was unable to determine the cause of the RFP-A trip.

Startup began at 12 23 am, 3/13, criticality was achieved at 5 18 am. The startup was halted about 7 00 am because the licensee was unable to comply with his implementing procedure for IS 3 6 8 3, "Primary System Boundary, Core Criticality". This IS requires several vessel and coolant temperatures to be above the limits given in IS Figure 3 6 3. An August 1987 IS amendment added the "bottom head drain" to these parameters. That temperature is measured by a thermocouple (t/c) on the Reactor Water Cleanup bottom head drain line, about 30' from the vessel. The licensee concluded that this t/c is not representative and that the vessel bottom head t/c is an adequate monitor. This position was presented to NRR by telephone at 9 00 am, 3/13. The licensee resumed the startup at approximately 10 00 am and achieved criticality at 12 13 pm. The generator was placed on line at 7 40 pm and the licensee expects to reach full power by 12 00 pm on 3/14.

The resident inspectors are monitoring the startup and reviewing the history of this issue and its applicability to prior startups.

insert before "REGION I MORNING REPORT"

PRIORITY ATTENTION REQUIRED

MORNING REPORT - REGION II March 14, 1988

Licensee/Facility

Notification/Subject

DPC/Catawba 1, 2

HQ Duty Officer
& AIT/AIT at Catawba

Event

Event Nos. 11704, 11711, 11720

This is an update to the Catawba March 11, 1988 Morning Report. The Augmented Inspection Team sent to Catawba March 10 is still on site. Unit 1 is currently at 14% power after receiving concurrence from NRC to restart. Stagnant Unit 1 service water lines (with the exception of the spent fuel pool line) that could have been affected by clams were flushed and spot visual checks or radiographs conducted prior to restart. Use of the spent fuel pool line is under a JCO because there are components in the line that could be flow restricted by clams. No clam problems were detected on Unit 1 during the inspections. Unit 2 is still in Mode 4. The licensee has checked the pressure switches on the auxiliary feedwater system (AFW) which initiate the switchover to service water and found them to be functioning properly. The licensee believes that the low AFW pump suction pressure, which caused the over to service water, was caused by improperly functioning check valves from normal supply sources. The licensee is investigating this suspected problem. Over the weekend the licensee found more clams in the two AFW flow control valves (FCV) which had been clogged earlier. Today the licensee's plans include more flushing of the affected AFW lines, inspection of the FCV's, inspection of specific AFW check valves and a dynamic test of the AFW system. The licensee has completed flushing of other dead legs in the service water system. No additional problems were reported. Unit 2 is still covered by the Confirmation of Action letter issued last week and the licensee must get NRC concurrence prior to restart.

Regional Action:

Licensee/Facility

Notification/Subject

VEPCO/Surry 2

Onsite Inspection Update

Event

Event No. N/A

This is an update of the Potential for High Radiation Dose to Workers reported on March 8. The licensee determined that, not only the incore detector, but several feet irradiated cable as well, were the sources of radiation in the possible overexposure event. The detector and cable were successfully placed into a storage port in the Seal Table Room wall on March 8. General area radiation levels returned to normal (10-20 mR/hr) in the work areas. The licensee's investigation of the incident and the resultant exposures is continuing. After inspection of the incident by the resident inspector and a regional inspector, several possible violations were identified. Following the exit interview and a discussion of the serious nature of the problems which were identified, the licensee announced that they

were convening an independent study team/group to review the event. The independent team will reportedly number about 25 people and be composed of VEPCO senior level management officials as well as outside consultants.

Regional Action: Region II is continuing to follow the licensee's evaluation.

PRIORITY ATTENTION REQUIRED

MORNING REPORT - REGION III

MARCH 14, 1988

Facility/Licensee

Notification/Subject

Braidwood 1/Commonwealth Edison

RI/Manual Reactor Scram

Event

Event No. 11727

At 6:56 a.m. on March 11, 1988, the "Computer Alarm Rod Deviation Sequence NIS Power Range Limit" alarm annunciated. The digital rod position indication (DRPI) system indicated that control rod D4 was at 18 steps. Prior to the alarm, the plant was in Mode 4, with all rods fully inserted and the reactor trip breakers closed. In response to the alarm and to the DRPI indication, the nuclear station operator initiated a manual reactor scram and, as directed by the shift engineer, initiated a 100 ppm boration. Subsequent investigation by the licensee determined that the DRPI indication was due to a circuit malfunction in train A of the DRPI system; control rod D4 had not moved when the system indicated a rod height of 18 steps.

The resident inspector was in the control room at the time of the event.

Regional Action

The resident inspectors will monitor the licensee's corrective actions.

Facility/Licensee

Notification/Subject

Dresden Nuclear Plant
Units 2 and 3
Commonwealth Edison

SRI PC
DRESDEN DUAL UNIT OPERATION

Event

Event No. N/A

ON MARCH 12, DRESDEN UNITS 2 AND 3 EXCEEDED THE PREVIOUS RECORD FOR CECO CONTINUOUS DUAL UNIT OPERATION OF 141 DAYS SET BY ZION AND THE CECO DUAL UNIT BWR OPERATION OF 131 DAYS SET BY QUAD CITIES (EXCEEDED ON MARCH 2). ADDITIONALLY, DRESDEN UNIT 3 HAS EXCEEDED ITS BEST CONTINUOUS SINGLE UNIT RUN OF 138 DAYS ON FEBRUARY 23 AND ITS BEST CONTINUOUS DAYS WITHOUT A REACTOR SCRAM OF 152 DAYS ON FEBRUARY 27, 1988. UNIT 2 IS EXPECTED TO BETTER ITS BEST CONTINUOUS SINGLE UNIT RUN IN 18 DAYS. CURRENTLY UNIT 3 IS SCHEDULED TO SHUTDOWN ON MARCH 26, 1988, FOR A 13 WEEK REFUELING OUTAGE.

Regional Action: INFORMATION ONLY

Facility/Licensee

Zion Unit 2/Commonwealth Edison
50-304

Notification/Subject

SRI Phone call/Power reduction due
to inoperable steam generator safety
valves

Event

Event No.

On March 12, 1988, at about 2:30 p.m. (CST), Zion Unit 2 reactor power was reduced from 99% to 65%, and the power range nuclear instrumentation system (NIS) trip setpoints were reduced to 74% after the licensee learned that three steam generator safety valves were inoperable due to having lift setpoints outside of the allowable tolerance listed in Table 4.7-1 of the Zion Technical Specifications (TS).

On the morning of March 12, 1988, at about 10:30 a.m. (CST), the licensee was reviewing requests to the safety valve vendor (Crosby) for lift setpoint testing for the Unit 1 safety valves. These requests, which were being prepared as in previous outages, requested that the valves be lift tested and that "as left" lift values would be $\pm 2\%$ of the setpoints specified in Table 4.7-1 of the Zion TS. It was discovered that Zion TS require that the tolerance for lift setpoints is $\pm 1\%$. A review of the Unit 2 safety valve test data from the previous outage revealed that three safety valves had "as left" lift setpoints outside the $\pm 1\%$ tolerance. Two of the three valves are located on the A steam line, and the other valve is on the D steam line. The valves were 0.11, 0.48, and 0.03% out of tolerance respectively.

The licensee declared the three safety valves inoperable at 1:37 p.m. (CST) and initiated the Unit 2 power reduction from 99% power at 1:45 p.m. (CST). Reactor power reached 65% at 2:30 p.m. (CST), and the NIS high flux reactor trip setpoints were rescaled to 74% by 3:45 p.m. (CST). TS 3.7.1.2 requires that the NIS trip setpoints be reduced within 4 hours.

Regional Action:

The resident inspectors will review the licensee's investigation, including the proposed corrective actions. The licensee's test procedures and methodology will also be reviewed.

Facility/Licensee

Notification/Subject

Prairie Island, Unit 1

PC from Resident Inspector/Unit Restart

Event

Event No. 11746

Prairie Island Unit 1 was placed on line at 3:20 a.m. on 3/14/88, concluding an 85 hour outage for repair of a leaking instrument column seal weld. Reactor Coolant System (RCS) heatup, reactor startup, and placing the generator on line were observed by the resident inspection staff. Events relating to failure to complete the appropriate check lists pertaining to alignment of safety injection and containment spray/pump switches prior to commencing RCS heatup was discussed in telecons on 3/13/88 between the licensee and Region III management. Agreement was reached between the parties prior to resuming heatup that other than failure to follow plant procedures, no regulatory requirements appear to have been violated. The notification of NRC pursuant to 50.36 was withdrawn.

Regional Action

The resident inspectors will report the results of inspections on the above in their routine inspection reports.

PRIORITY ATTENTION REQUIRED MORNING REPORT-REGION IV MARCH 14, 1988

LICENSEE/FACILITY:

NOTIFICATION/SUBJECT

ARKANSAS POWER & LIGHT CO.
AND UNIT #2
DN: 50-368

NOTIFICATION FROM RI ON 3/14/88
VITAL AREA SECURITY BREACH

EVENT

ON MARCH 11, 1988, THE LICENSEE MADE A 1-HOUR REPORT, REGARDING A VITAL AREA BREACH, UNDER 10 (FR PART 73.71(C)). THE BREACH OCCURRED AT ABOUT 2 P.M. ON MARCH 9, 1988, AND WAS DISCOVERED BY SECURITY PERSONNEL AT 8:45 A.M. ON MARCH 11. THE BREACH WAS CAUSED BY THE REMOVAL OF A SECTION OF VENTILATION DUCT BY MAINTENANCE PERSONNEL WHICH CONTAINED A TURNING VANE BARRIER INSIDE CONTROLLED ACCESS IN THE UNIT 2 AUXILIARY BUILDING ON THE 404 FOOT ELEVATION. THIS COULD HAVE ALLOWED ACCESS TO MOST VITAL EQUIPMENT AREAS IN BOTH UNITS BY ENTERING THROUGH DUCT FROM THE AUXILIARY BUILDING ROOF. A GUARD WAS POSTED AND A SEARCH OF THE AREA FOUND NO PROBLEMS. ACCESS TO THE DUCT WOULD HAVE REQUIRED REMOVAL OF A SCREEN AT THE ENTRY POINT TO THE DUCT. THE SCREEN WAS FOUND INTACT. AT THE TIME UNIT 1 WAS AT 80 PERCENT POWER AND UNIT 2 WAS DEFUELED IN MODE 6.

LICENSEE/FACILITY
N/A

NOTIFICATION/SUBJECT
FOR INFORMATION ONLY

EVENT

TWO STAFF MEMBERS OF THE DIVISION OF SAFEGUARDS AND TRANSPORTATION, NMSS, WILL BE ACCOMPANYING A REGION IV INSPECTOR AT WOLF CREEK ON MARCH 14-16, 1988, AND WILL BE AT THE REGION IV OFFICE ON MARCH 17-18, 1988, TO CONDUCT THE PERIODIC NMSS ASSESSMENT OF THE REGION IV TRANSPORTATION INSPECTION PROGRAM.

PRIORITY ATTENTION REQUIRED

MORNING REPORT - REGION V

MARCH 14, 1988

LICENSEE/FACILITY

NOTIFICATION/SUBJECT

DIABLO CANYON #1
DN 50-275
REN 11741

OUTAGE PROBLEMS
CALL FROM SENIOR RESIDENT INSPECTOR

EVENT

DURING RADIATION SURVEYS LICENSEE PERSONNEL DISCOVERED A SMALL AMOUNT OF BORIC ACID CRYSTALS AT A CRDM SEAL WELD LOCATION. WESTINGHOUSE REPRESENTATIVES HAVE INDICATED THAT SIMILAR INDICATIONS HAVE BEEN OBSERVED AT SALEM, TURKEY POINT, AND INDIAN POINT. THE WELD IS A SEAL WELD AND PROVIDES "NO-STRENGTH FUNCTION" TO THE CRDM. THE CRYSTALS WERE OBSERVED ABOUT ONE FOOT ABOVE THE HEAD, AND WERE A LENGTH OF ABOUT 5 INCHES AND 1 INCH WIDE. PRELIMINARILY, THE LICENSEE'S REVIEW OF THE CONTAINMENT RADIATION RECORDS FOUND THAT THE LEAKAGE MAY HAVE OCCURRED OVER THE LAST MONTH. FURTHER EXAMINATION HAS BEEN POSTPONED UNTIL THE HEAD CAN BE MOVED TO A LOW RADIATION AREA. EVALUATIONS OF A LICENSEE TASK FORCE (FORMED FOR THIS EVENT) ARE BEING FOLLOWED BY THE RESIDENT INSPECTORS.

ANOTHER PROBLEM RELATED TO THE DAILY OF MARCH 11 ON AN EXCESSIVE PRESSURIZER COOLDOWN, WAS WHEN OPERATORS SHUTDOWN RCP 1-2. THAT RCP WAS PROVIDING PRESSURIZER SPRAY. SINCE THE OTHER SPRAY VALVE WAS ISOLATED, THE PRESSURE RISE WAS SUCH THAT THE LOW TEMPERATURE OVERPRESSURE PROTECTION SETPOINT APPROXIMATELY 450 PSIG WAS NEARLY REACHED, BEFORE OPERATOR INSTITUTED AUXILIARY SPRAY. INSPECTORS WILL FOLLOWUP.

ANOTHER OUTAGE RELATED PROBLEM WAS A RELEASE FROM THE REACTOR COOLANT DRAIN TANK (RCDT) TO THE CONTAINMENT SUMP THROUGH THE RCDT RELIEF VALVE, MARCH 12, 1988. THIS OCCURRED WHEN ACCUMULATORS WERE BEING DRAINED TO THE RCDT WHILE UNRELATED SURVEILLANCE WAS PERFORMED WHICH CLOSED THE RCDT VENT VALVE. INSPECTORS ARE FOLLOWING THIS PROBLEM ALSO.

CONTACT M. MENDONCA (FTS) 463-3720
MOD 17

Reportable Events For 03_11_8

Reportable Event number 11720 .

Facility : CATAWBA

Unit : 1,2

Region : 2

Vendor : WEST, WEST

Operations Officer : S. SANDIN

MRC Notified By : RAVAN

Rad Release : No

Cause : Mechanical Failure

Component : AFW PUMPS

Date Notified : 03/10/88

Time Notified : 12:30

Date of Event : 03/10/88

Time of Event : 11:30

Classification : Unusual Event

Category 1 : LCD Action Statement

Category 2 : CONTINUATION

Category 3 :

Category 4 :

EVENT DESCRIPTION :

CONTINUATION OF EVENT 011711. ***UPDATE 2345 BRADSHAW*** UE ON UNIT 1

TERMINATED AT 2312 EST WHEN UNIT 1 ENTERED MODE 4 (NOT S/D) EXITING THE A/S
LCO. LICENSEE WILL INFORM RI. NOTIFIED R2D0(CRLEMJAK), EO(PARTLOW) &
FEMA(NIRST).

Reportable Event number 11721 .

Facility : PERRY

Unit : 1

Region : 3

Vendor : GE,GE

Operations Officer : Ray Smith

NRC Notified By : D. COBB

Rad Release : No

Cause : Electrical Failure

Component : VENT DAMPER SOLENOID

Date Notified : 03/11/88

Time Notified : 01:24

Date of Event : 03/10/88

Time of Event : 23:07

Classification : 10 CFR 50.72

Category 1 : ESF Actuation

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

THE UNIT RECEIVED A RWCU ISOLATION ON "A" PUMP ROOM HIGH DIFFERENTIAL TEMPERATURE. THE CAUSE WAS THE AUX BUILDING EXHAUST FAN EXHAUST DAMPER FAILING SHUT DUE TO A FAILED SOLENOID. THIS RESULTED IN NO AIR FLOW OUT OF THE PUMP ROOM AND THE HIGH DIFFERENTIAL TEMPERATURE. IT WAS VERIFIED THAT THERE WAS NO RWCU SYSTEM LEAKAGE, A TEMPORARY FIX WAS MADE TO THE DAMPER, VENTILATION WAS RESTORED, AND THE RWCU SYSTEM IS NOW BEING RESTORED. THE UNIT IS AT 100% POWER. (NOTE: THE BOTTOM HEAD DRAIN COOLDOWN RATE MAY HAVE BEEN EXCEEDED DUE TO THE RWCU ISOLATION. THIS IS STILL BEING INVESTIGATED.) THE NRC RESIDENT WAS NOTIFIED. (NOTIFIED R3 SCHUMACHER)

Reportable Event number 11722

Facility : FERMI
Unit : 2
Region : 3
Vendor : QOE
Operations Officer : Ray Smith
MRC Notified By : Y. SCHEER
Rad Release : No
Cause : Electrical Failure
Component : STIMOS UNIT
Date Notified : 03/11/88
Time Notified : 01:45
Date of Event : 03/10/88
Time of Event : 23:55
Classification : 10 CFR 50.72
Category 1 : ESF Actuation
Category 2 :
Category 3 :
Category 4 :

EVENT DESCRIPTION :

CONTROL CENTER HVAC SHIFTED TO THE RECIRC MODE DUE TO A TURBINE BUILDING VENTILATION EXHAUST RAD MONITOR UPSCALE TRIP. THIS OCCURRED DUE TO LOSS OF POWER TO THE STING UNIT (MONITOR'S RAD LEVELS IN EXHAUST GAS GOING UP THE STACK). POWER TO THE STING UNIT WAS LOST WHEN ITS INTERNAL BATTERY DIED ABOUT 12 HOURS AFTER ITS NORMAL 125 VAC SUPPLY FROM MODULAR POWER UNIT B5 WAS S/D FOR MODIFICATION WORK. AN ENGINEERING DESIGN PACKAGE WILL BE IMPLEMENTED WHICH WILL ALLOW REMOVING THE TRIP FROM THE TURBINE BUILDING STING THAT INPUTS THE CONTROL CENTER HVAC SYSTEM. THE UNIT IS IN COLD S/D. THE MRC RESIDENT WILL BE NOTIFIED. (NOTIFIED R3 SCHUMACHER)

Reportable Event number 11723

Facility : GINMA
Unit : 1
Region : 1
Vendor : WEST
Operations Officer : Ray Smith
CRC Notified By : BERRY
Rad Release : No
Cause : STEAM DUMP SYSTEM
Component :
Date Notified : 03/11/88
Time Notified : 08:10
Date of Event : 03/11/88
Time of Event : 04:32
Classification : 10 CFR 50.72
Category 1 : ESF Actuation
Category 2 :
Category 3 :
Category 4 :

EVENT DESCRIPTION :

WITH THE UNIT AT 17% POWER, TWO SG SAFETIES (ONE ON EACH HEADER) STARTED POPPING DUE TO A FAILURE IN THE STEAM DUMP SYSTEM. THE TURBINE WAS TRIPPED, THE MSIVs WERE CLOSED, RODS WERE DRIVEN IN TO CONTROL TEMPERATURE. THE SG SAFETIES RESEATED, THE MSIV BYPASSES WERE OPENED, OPERATION ON THE STEAM DUMPS WAS RESUMED, AND THE UNIT IS NOW STABLE AT 4% POWER (570 DEG PRIMARY TEMPERATURE & 1085 PSI SG PRESSURE). ALTHOUGH THE STEAM DUMPS ARE MAINTAINING PLANT CONDITIONS, THEY ARE STILL NOT OPERATING PROPERLY. THEREFORE, THE PLAN IS TO REDUCE POWER TO ABOUT 1% AND SWITCH TO THE ATMOSPHERIC DUMPS WHILE TROUBLESHOOTING THE PROBLEM WITH THE STEAM DUMP SYSTEM. THE CAUSE OF THE FAILURE IN THE STEAM DUMP SYSTEM IS NOT KNOWN. THERE WERE NO OTHER ACTUATIONS AND ALL OTHER SYSTEMS FUNCTIONED AS REQUIRED. THE NRC RESIDENT WILL BE NOTIFIED. (NOTIFIED R1 JOHNSON)

Reportable Event number 11724

Facility : FEMA

Unit :

Region : 5

Vendor :

Operations Officer : Ray Smith

MRC Notified By : HIRST

Rad Release : No

Cause : EARTHQUAKE

Component :

Date Notified : 03/11/88

Time Notified : 07:37

Date of Event : 03/11/88

Time of Event : 05:01

Classification : EARTHQUAKE

Category 1 : EARTHQUAKE

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

AN EARTHQUAKE MEASURING 3.5 OCCURRED 10 MILES SE OF TACOMA WA. COORDINATES WERE 47.2N 122.2W. NO DAMAGE HAS BEEN REPORTED. NO PLANTS LOCATED WITHIN 50 MILES. NEAREST PLANT IS TROJAN AND THEY FLY NOTHING THERE.
(NOTIFIED RS MEMOONCA)

Reportable Event number 11725

Facility : MILLSTONE

Unit : 2

Region : 1

Vender : GE.C-E, WEST

Operations Officer : Ray Smith

MRC Notified By : E. BENETT

Rad Release : No

Cause :

Component :

Date Notified : 03/11/88

Time Notified : 08:17

Date of Event : 03/11/88

Time of Event : 08:18

Classification : Phys. Sec./Safeguard

Category 1 : Security

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

SECURITY SYSTEM DEGRADATION RELATED TO ALARM FUNCTION OF A VITAL AREA DOOR.
PROPERLY COMPENSATED IMMEDIATELY ON DISCOVERY. MRC RESIDENT WAS NOTIFIED.
UNIT IS AT 100% POWER. SEE HOO LOG FOR DETAILS. (NOTIFIED R. JOHNSON)

Reportable Event number 11728 .

Facility : ARKANSAS

Unit : 2

Region : 4

Vendor : B&W,C-E

Operations Officer : Ray Smith

NRC Notified By : H. WILLIAMS

Rad Release : No

Cause :

Component :

Date Notified : 03/11/88

Time Notified : 10:35

Date of Event : 03/11/88

Time of Event : 08:45

Classification : Phys.Sec./Safeguard

Category 1 : Security

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

SECURITY SYSTEM DEGRADATION RELATED TO A VITAL AREA BARRIER. PROPERLY
COMPENSATED ON DISCOVERY. UNIT IS IN REFUEL. NRC RESIDENT WAS NOTIFIED.
SEE HOO LOG FOR DETAILS. (NOTIFIED R4 CONST. 4LE)

Reportable Event number 11727

Facility : BRAIDWOOD
Unit : 1
Region : 3
Vendor : WEST, WEST
Operations Officer : Ray Smith
NRC Notified By : DALEMAJKA
Rad Release : No
Cause : Electrical Failures
Component : DRPI
Date Notified : 03/11/88
Time Notified : 11:37
Date of Event : 03/11/88
Time of Event : 07:57
Classification : 10 CFR 50.72
Category 1 : SCRAM
Category 2 :
Category 3 :
Category 4 :

EVENT DESCRIPTION :

WITH THE UNIT IN HOT S/D AND ALL RODS ON THE BOTTOM, THE REACTOR TRIP BREAKERS WERE MANUALLY OPENED AFTER RECEIPT OF A COMPUTER ALARM (RGO DEVIATION MIS POWER RANGE TILT) AND AFTER NOTING THAT DIGITAL ROD POSITION INDICATION FOR ROD D4 CONTROL BANK D INDICATED 18 STEPS. THE DRPI INDICATION DID NOT CHANGE AFTER THE TRIP BREAKERS WERE OPENED SO AS A CONSERVATIVE MEASURE A BORATION OF AN ADDITIONAL 100 PPM WAS INITIATED. ON FURTHER INVESTIGATION IT WAS FOUND THAT DRPI HAD EXPERIENCED A FAILURE IN DATA CABINET "A" FOR ROD 4. A NUCLEAR WORK REQUEST HAS BEEN WRITTEN TO CORRECT THE PROBLEM. THE NRC RESIDENT WAS NOTIFIED. (NOTIFIED

Reportable Event number 11728 .

Facility : SEQUOYAH

Unit : 2

Region : 2

Vendor : WEST, WEST

Operations Officer : S. SANDIN

NPC Notified By : G. STIRLING

Rad Release : No

Cause :

Component :

Date Notified : 03/11/88

Time Notified : 12:25

Date of Event : 03/11/88

Time of Event : 09:52

Classification : 10 CFR 50.72

Category 1 : b.2.v.1

Category 2 : PRESS RELEASE

Category 3 :

Category 4 :

EVENT DESCRIPTION :

UNIT 2 IS IN MODE 3 (HOT S/B). LICENSEE ISSUED PRESS RELEASE AT 0952 EST ON 3/11/88 REGARDING UE 011718. LICENSEE INFORMED R1. NOTIFIED R2(BRADY) & OSP(LITTLE).

Reportable Event number 11729 .

Facility : CALVERT CLIFFS

Unit : 1,2

Region : 1

Vender : C-E,C-E

Operations Officer : S. SANDIM

WRC Notified By : B. MOFFAT

Rad Release : No

Cause :

Component :

Date Notified : 03/11/88

Time Notified : 14:48

Date of Event : 03/11/88

Time of Event : 13:50

Classification : Phys.Sec./Safeguard

Category 1 : Security

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

UNIT 1 IS AT 97% POWER AND UNIT 2 IS IN MODE 5. ATTEMPTED INTRODUCTION OF CONTRABAND (CONTROLLED SUBSTANCE) INTO PA BY CONTRACTOR EMPLOYEE. IMMEDIATE COMPENSATORY MEASURES TAKEN ON DISCOVERY. SEE HGD LOG FOR DETAILS. LICENSEE WILL INFORM RI. NOTIFIED RIDO(JOHNSON).

Reportable Event number 11730

Facility : FT. CALHOUN

Unit : 1

Region : 4

Vender : C-E

Operations Officer : S. SANDIN

MRC Notified By : M. CORE

Rad Release : No

Cause :

Component :

Date Notified : 03/11/88

Time Notified : 15:42

Date of Event : 03/11/88

Time of Event : 15:10

Classification : 10 CFR 50.72

Category 1 : OUTSIDE DESIGN BASIS

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

UNIT 1 IS CURRENTLY AT 70% POWER. AT 1410 CST DURING A REVIEW OF THE OPERATION OF THE INSTRUMENT AIR VALVE (PCV-1848) SUPPLYING CONTAINMENT AIR SYSTEMS IT WAS DISCOVERED THAT THE OPERATION OF THE VALVE IS OUTSIDE THE DESIGN BASIS OF THE USAR (UPDATED SAFETY ANALYSIS REPORT). SUBJECT VALVE IS REQUIRED TO CLOSE FOR ALL POSTULATED ACCIDENTS (CONTAINMENT ISOLATION VALVE) HOWEVER FOR A LOSS OF OFFSITE POWER THE AIR COMPRESSORS SUPPLYING CONTROL AIR TO THE VALVE DO NOT CYCLE ON THE EDGE. THIS WOULD CAUSE THE VALVE TO FAIL OPEN. LICENSEE IS EVALUATING SAFETY SIGNIFICANCE WITH RESPECT TO AVAILABLE AIR RESERVE BELIEVED SUFFICIENT TO OPERATE VALVE FOR SEVERAL HOURS AFTER WHICH TIME THE REQUIRED AIR COMPRESSORS COULD BE RESTORED TO SERVICE. LICENSEE INFORMED RI. NOTIFIED RADU(CONSTABLE).

Reportable Event number 11731

Facility : DAVIS-BESSE

Unit : 1

Region : 3

Vendor : B&W

Operations Officer : S. SANDIM

MRC Notified By : J. MICHALIS

Rad Release : No

Cause : PROCEDURE/PERSGANEL

Component :

Date Notified : 03/11/88

Time Notified : 18:10

Date of Event : 03/11/88

Time of Event : 18:00

Classification : 10 CFR 50.72

Category 1 : ESF Actuation

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

UNIT 1 IS IN MODE 5. AT 1800 EST DURING THE PROCESS OF FILLING SG 1-2 FOR WET LAYUP THE SG FILLED SOLID AND SG PRESSURE INCREASED TO APPROX 750 PSIG. RESETTING THE LOW SG PRESSURE BLOCK (RESETS AT 850 PSIG) WHEN A VENT PATH WAS PROVIDED BY AN ATMOSPHERIC VENT VALVE PRESSURE IMMEDIATELY DROPPED TO LESS THAN 612 PSIG WHICH ACTUATED THE MAIN STEAM LINE 02 LOW PRESSURE TRIP ON THE SFRC'S (STEAM & FEEDWATER RUPTURE CONTROL SYSTEM) ACTUATION CHANNEL 02. WHEN THE TRIP OCCURRED THE ATMOSPHERIC VENT VALVE 02 MAIN FEEDWATER STOP VALVE 02 AND MAIN STEAM GENERATOR DRAIN VALVE 02 WERE TRIPPED CLOSED ISOLATING THE SG. PRESSURE STABILIZED AT APPROX 100 PSIG. DURING THE EVENT THE FEEDWATER TEMPERATURE WAS APPROX 130 DEGREES F AND SG DOWNCOMER TEMP WAS APPROX 180 DEGREES F THUS TS 3.7.2.1 DEALING WITH SG OVERPRESSURIZATION WITH LOW SECONDARY COOLANT TEMP OF LESS THAN 130 DEGREES F WAS NOT VIOLATED. SG 1-2 WAS SUBSEQUENTLY DEPRESSURIZED AND PLACED IN WET LAYUP. CORRECTIVE ACTION INCLUDES A PROCEDURAL REVISION AND MANAGEMENT DETERMINATION OF APPROPRIATE PERSONNEL ACTION. NO SECONDARY RELIEFS LIFTED DURING THE EVENT (LOWEST SETPOINT IS 1050 PSIG). LICENSEE INFORMED RI. NOTIFIED 1300(SCHUMACHER).

Reportable Event number 11732 .

Facility : FERMI

Unit : 2

Region : 3

Vendor : K.OE

Operations Officer : S. SANDIN

MRC Notified By : R. SPEER

Rad Release : No

Cause :

Component :

Date Notified : 03/11/88

Time Notified : 17:50

Date of Event : 03/11/88

Time of Event : 15:35

Classification : 10 CFR 50.72

Category 1 : b.2.11.d

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

UNIT 2 IS IN MODE 4. LICENSEE RECEIVED REPORT THAT 6 OF 10 SRV'S TESTED EXCEEDED THE IX CRITERIA. THE SRV SETPOINTS EXCEEDED THE ALLOWABLE LIMITS WHEN TESTED AT AN INDEPENDENT LAB:

PILOT 5/W	REQUIRED SETPOINT	FIRST AS RECEIVED
333	1120 +- 11	1188
332	1130 +- 11	1163
328	1120 +- 11	1232
372	1110 +- 11	1142
381	1130 +- 11	1170
331	1130 +- 11	1208

LICENSEE WILL RECALIBRATE AS NECESSARY PRIOR TO INSTALLATION AND HAS INFORMED THE B1. NOTIFIED R3D0(SCHUMACHER).

Reportable Event number 11732

Facility : PERRY
Unit : 1
Region : 3
Vendor : GE,GE
Operations Officer : TOM SILKO
MRC Notified By : RUSSELL
Rad Release : No
Cause : Personnel Error
Component :
Date Notified : 03/11/88
Time Notified : 18.47
Date of Event : 03/11/88
Time of Event : 17:50
Classification : 10 CFR 50.72
Category 1 : ESF Actuation
Category 2 :
Category 3 :
Category 4 :

EVENT DESCRIPTION :

UNIT AT 100% POWER DURING THE EVENT THE RMCU SYSTEM (SUCTION AND DISCHARGE OUTBOARD ISO VALVES) ISOLATED ON HIGH DELTA TEMP DUE TO THE AUX BLDG EXHAUST FANS BEING SECURED FOR THE REPLACEMENT OF A VENTILATION FILTER. AT 1804HRS THE VENT SYSTEM WAS RESTORED AND AT 1822HRS THE RMCU SYSTEM WAS RESTORED. RI INFORMED BY THE LICENSEE. NOTIFIED R3D0 (SCHUMACHER).

Reportable Event number 11734 .

Facility : LIMERICK

Unit : 3

Region : 1

Vender : GE,CE

Operations Officer : S. SANDIN

NRC Notified By : B. TRUAX

Rad Release : No

Cause :

Component :

Date Notified : 03/11/88

Time Notified : 21:37

Date of Event : 03/11/88

Time of Event : 20:45

Classification : Phys.Sec./Safeguard

Category 1 : Security

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

UNIT 1 IS CURRENTLY AT 100% POWER. DISCOVERY OF CRIMINAL ACT INVOLVING
CONTRACTOR EMPLOYEES GRANTED ACCESS TO PA. IMMEDIATE COMPENSATORY MEASURES
TAKEN ON DISCOVERY. SEC HOD LOG FOR DETAILS. LICENSEE INFORMED RI.
NOTIFIED RIDO(JOHNSON) AND EO(GRIMES).

Reportable Events For 03_12_8

Reportable Event number 11735 .

Facility : PILGRIM

Unit : 1

Region : 1

Vendor : GE

Operations Officer : Ron Young

MRC Notified By : JOE GIAR

Rad Release : No

Cause : Electrical Failure

Component : RWCU: OWN FUSE

Date Notified : 03/12/88

Time Notified : 00:03

Date of Event : 03/11/88

Time of Event : 22:20

Classification : 10 CFR 50.72

Category 1 : ESF Actuation

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

UNIT IN COLD S/D. WHILE I&C TECHICIANS PERFORMED A HIGH TEMPEXATURE

SURVEILLANCE TEST FOR THE REACTOR WATER CLEANUP (RWCU) SYSTEM. A LIFTED LEAD WAS INADVERTENTLY GROUNDED INSIDE AN ENCLOSURE BOX AS A TEMPERATURE SWITCH WAS BEING REMOVED. THE GROUNDED LEAD RESULTED IN A BLOWN FUSE, CAUSING RWCUS ISOLATION ON HIGH TEMPERATURE. THE FUSE WAS REPLACED, THE ISOLATION SIGNAL WAS RESET, AND THE RWCUS WAS REALIGNED FOR NORMAL OPERATION. LICENSEE INFORMED THE NRC RESIDENT. (NOTIFIED RIDO, JOHNSON)

Reportable Event number 11730

Facility : SOUTH TEXAS

Unit : 1

Region : 4

Vendor : WEST, WEST

Operations Officer : Ken Yeung

MRC Notified By : STRUGLE

Rad Release : No

Cause :

Component :

Date Notified : 03/12/88

Time Notified : 04:21

Date of Event : 03/12/88

Time of Event : 04:17

Classification : INFORMATION CALL

Category 1 : SCRAM

Category 2 : ESF Actuation

Category 3 :

Category 4 :

EVENT DESCRIPTION :

WITH REACTOR IN THE STARTUP (S/U) MODE AT LOW POWER (5E-08 AMPS ON THE IRMs), THE REACTOR WAS MANUALLY TRIPPED AS PART OF A PLANNED S/U TESTING SEQUENCE. THE REACTOR IS STABLE IN THE HOT STANDBY (S/B) MODE AND ALL CONTROL RODS INSERTED FULLY. A MAIN FEEDWATER (MFW) ISOLATION RESULTED WHEN THE REACTOR TRIP OCCURRED COINCIDENT WITH LOW FWS. ONE MOTOR DRIVEN MFW WAS STARTED AND IS BEING USED TO FEED THE 4 STEAM GENERATORS. SYSTEMS FUNCTIONED AS REQUIRED. PLANT PROCEDURES REQUIRED MRC NOTIFICATION SINCE THE REACTOR MODE WAS CHANGED (FROM MODE 2 TO MODE 3). LICENSEE PLANS TO ATTAIN REACTOR CRITICALITY AGAIN AND RESUME THE S/U TESTING WITHIN THE NEXT 2 HOURS. MRC RESIDENT WILL BE INFORMED. (NOTIFIED R400, CONSTABLE)

Reportable Event number 11737

Facility : MILLSTONE
Unit : 1
Region : 1
Vendor : GE, C-8, WEST
Operations Officer : Ron Young
MRC Notified By : ZAM STONE
Rad Release : No
Cause : Unknown
Component :
Date Notified : 03/12/88
Time Notified : 05:38
Date of Event : 03/12/88
Time of Event : 05:15
Classification : 10 CFR 50.72
Category 1 : SCRAM
Category 2 :
Category 3 :
Category 4 :

EVENT DESCRIPTION :

WITH REACTOR AT 100% POWER, A REACTOR TRIP OCCURRED DUE TO REACTOR VESSEL (RV) LOW WATER LEVEL. THE RV LOW LEVEL RESULTED WHEN THE BREAKER FOR THE TRIN "A" REACTOR FEED PUMP (RFP) TRIPPED OPEN. THE CAUSE FOR THE BREAKER TRIP IS UNKNOWN AND IS BEING INVESTIGATED. THE UNIT IS STABLE IN THE HOT S/D CONDITION, WITH THE TRIN "B" RFP SUPPLYING WATER TO THE RV AND ALL CONTROL ROOMS FULLY INSERTED. CALLER WILL INFORM HOO WHEN MORE SPECIFIC INFORMATION IS AVAILABLE. LICENSEE WILL INFORM THE NRC RESIDENT. (NOTIFIED RIDO, JOHNSON)

Reportable Event number 11738

Facility : BRAIDWOOD

Unit : 2

Region : 3

Vendor : WEST, WEST

Operations Officer : Ron Young

MRC Notified By : JACK MALEMAJKA

Rad Release : No

Cause :

Component :

Date Notified : 03/12/88

Time Notified : 07:31

Date of Event : 03/12/88

Time of Event : 06:45

Classification : INFORMATION CALL

Category 1 : SCRAM

Category 2 : ESF Actuation

Category 3 :

Category 4 :

EVENT DESCRIPTION :

WITH REACTOR IN THE STARTUP (S/U) MODE AT LOW POWER (3E-08 AMPS ON THE IRMs), OPERATORS MANUALLY TRIPPED THE REACTOR AS PART OF THE S/U TESTING. A MAIN FEEDWATER (MFW) ISOLATION RESULTED WHEN THE REACTOR TRIP OCCURRED COINCIDENT WITH LOW TAVG. THE S/U MFW PUMP IS BEING USED TO FEED THE STEAM GENERATORS AND NO AUXILIARY FW ACTUATION WAS REQUIRED. THE REACTOR TRIP WAS NORMAL AND ALL SYSTEMS FUNCTIONED AS EXPECTED. THE REACTOR IS STABLE IN THE HOT STANDBY MODE. LICENSEE PLAYS TO RESUME S/U TESTING AND VERIFY THE REACTOR S/D MARGIN. MRC RESIDENT WILL BE INFORMED. (NOTIFIED R300, SCHUMACHER)

Reportable Event number 11739

Facility : SOUTH TEXAS

Unit : 1

Region : 4

Vendor : WEST, WEST

Operations Officer : S. SANDIN

MBC Notified By : CHRISTIAN

Rad Release : No

Cause : Surveillance Error

Component : EOW SCREEN 8/PHP 1-C

Date Notified : 03/12/88

Time Notified : 12:08

Date of Event : 03/11/88

Time of Event : 15:45

Classification : MPF 71

Category 1 : 24 HR LICENSE VIOL

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

UNIT 1 IS IN MODE 2 (S/U) AT 1E-08 AMPS. ON 12/13/87 A SURVEILLANCE TEST ON THE ESSENTIAL COOLING WATER (ECW) SCREEN WASH BOOSTER PUMP 1-C WAS PERFORMED. THE RESULTS OF THE TEST FOR DELTA P FELL INTO THE ALERT RANGE. THE REQUIRED ACTION FOR THIS IS TO DOUBLE THE TEST FREQUENCY. THE NORMAL TEST FREQUENCY FOR THIS PUMP IS QUARTERLY. AT THE TIME OF THE EVENT NO FURTHER TESTING HAD BEEN DONE. AT THE TIME OF DISCOVERY THE PUMP WAS DECLARED INOP AND THE CONDITIONS OF THE A/S LCO 3.7.4 WERE MET. THE PUMP WAS THEN TESTED AND DECLARED OP AT 0145 CST ON 3/12/88. RESULTS OF THE TEST WERE IN THE NORMAL RANGE. LICENSEE HAS SURVEILLANCE PROGRAM UNDER REVIEW AND WILL INFORM THE RT. NOTIFIED 8400(CONSTABLE). NOTE: SIMILAR EVENT REPORTED PREVIOUSLY - SEE 821347.

Reportable Event number 11740

Facility : BELDIT MEM HOSPITAL

Unit :

Region : 3

Vendor :

Operations Officer : E. SAMCIN

MRC Notified By : E. GOODMAN

Rad Release : No

Cause : Mechanical Failure

Component : STUCK C060 SOURCE

Date Notified : 03/12/88

Time Notified : 15:05

Date of Event : 03/12/88

Time of Event : 14:00

Classification : INFORMATION CALL

Category 1 :

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

AT 1300 CST WHILE TESTING REPLACEMENT SOURCE (C060 5470 C1) INSTALLED BY NEUTRON PRODUCTS, BALTIMORE MD, IN A PICKER C6 MEDICAL RADIATION THERAPY MACHINE (S/N 104) AT BELDIT MEMORIAL HOSPITAL IN BELDIT, WISCONSIN, THE CONSULTING RADIATION THERAPIST MR. RICHARD GOODMAN HAD INDICATION THAT THE SOURCE WAS STUCK PRIOR TO ENTERING THE AREA WHERE THE SOURCE WAS LOCATED. THERE IS NO INDICATION OF PERSONNEL OVEREXPOSURE AT THIS TIME. A LOCKSMITH WAS IMMEDIATELY CONTACTED TO INSTALL CHAIN/LOCK THEREBY PREVENTING PERSONNEL ACCESS. RAD LEVELS OUTSIDE THE SECURED AREA ARE NEAR BACKGROUND AND INSIDE THE ROOM WHERE THE MACHINE IS LOCATED HIGH WITH THE SOURCE IN POSITION DIRECTED THROUGH THE COLLIMATOR AT THE FLOOR (GROUND LEVEL). MR. GOODMAN IS CONTINUING HIS EFFORTS TO CONTACT SVC CO (NEUTRON PRODUCTS). NOTIFIED R2D0 (SCHUMACHER).

Reportable Event number 11741 .

Facility : DIABLO CANYON

Unit : 1

Region : 3

Vendor : WEST, WEST

Operations Officer : S. SANDIN

NRC Notified By : GOELZEN

Rad Release : No

Cause : Mechanical Failure

Component : CRDM SEAL WELD

Date Notified : 03/12/88

Time Notified : 21:15

Date of Event : 03/12/88

Time of Event : 17:35

Classification : 10 CFR 50.72

Category 1 : b.2.1

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

UNIT 1 IS IN MODE 5 WITH PRIMARY PLT TEMP OF 100 DEGREES F AND PRESSURE OF 50 PSIG. AT 1435 PST PLANT PERSONNEL IDENTIFIED A LEAK FROM A CRACK ON THE SEAL WELD ON A CRDM PENETRATION ON THE RV HEAD. LICENSEE HAS MECHANICAL ENGINEERING EVALUATE WHETHER CRACK IS A BREACH OF THE PRESSURE BOUNDARY IN THAT THE PRESENCE OF RESIDUAL BORON CRYSTALS COMING DOWN FROM THE WELD AND A WET AREA ALONG THE CRACK HAVE BEEN OBSERVED AND PHOTOGRAPHED. LICENSEE ESTIMATES LEAKAGE IS MINIMAL WITH NO AIRBORNE ACTIVITY ALTHOUGH INCREASES IN RADIOACTIVITY IN THE AREA HAVE BEEN REPORTED (UNCERTAIN AS TO MAGNITUDE). LICENSEE IS CONDUCTING INVESTIGATION AND WILL INFORM R2. LICENSEE WILL ALSO INFORM LOCAL OFFICIALS AND HAS NOT DETERMINED WHETHER A PRESS RELEASE WILL BE ISSUED. NOTIFIED 9500(FISH).

Reportable Events For 03_13_8

Reportable Event number 11742 .

Facility : FEMA

Unit :

Region : 1

Vendor :

Operations Officer : S. SANDIN

NRC Notified By : DEPUY

Rad Release : No

Cause : CHEMICAL FIRE

Component :

Date Notified : 03/12/88

Time Notified : 23:45

Date of Event : 03/12/88

Time of Event : 23:45

Classification : INFORMATION CALL

Category 1 :

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

NOTIFIED BY FE-A (DEPUY) THAT A CHEMICAL FIRE (TYPE NOT KNOWN) WAS ABLAZE IN

CLOSE PROXIMITY (1/4 TO 1/2 MILE) TO SEABROOK NUCLEAR FACILITY, NH. AT THE JOHNSON MASSEY CHEMICAL STORAGE FACILITY RESULTING IN A PARTIAL EVACUATION OF AFFECTED RESIDENTS. CONTACTED CR FOR ADDITIONAL INFORMATION. LICENSEE INDICATED THAT PLUME HAD NOT REACHED PA ALTHOUGH IT HAD REACHED THE SITE CONSTRUCTION BOUNDARY. CURRENT METEOROLOGICAL CONDITIONS AT THE SITE WERE LIGHT WINDS FROM A WESTERLY DIRECTION. NOTIFIED RIDO (JOHNSON), EO (GRIMES), ARRANGED BRIDGE WITH CR, SRI, RIDO, EO, & BRANCH CHIEF (HAVERKAMP). *** UPDATE AT 0205HRS BY SRI (CERNE) *** FIRE NOT AFFECTING SITE. FIRE IS OUT BUT STILL SMOULDERING. CHEMICAL COMPANY HAS THORIUM ON SITE BUT THIS WAS NOT EFFECTED BY THE FIRE (SEABROOK HPs RESPONDED TO FIRE AND VERIFIED NO ADVERSE RADIOLOGICAL CONDITIONS). RESIDENTS ARE BEING ADMITTED BACK TO THEIR HOMES. BRIDGE ESTABLISHED BETWEEN SRI (CERNE), EO (GRIMES), RIDO (JOHNSON), R1 (HAVERKAMP).

Reportable Event number 11743 .

Facility : LASALLE

Unit : 1

Region : 3

Vendor : GE,GE

Operations Officer : TOM SILKO

NRC Notified By : CRAWFORD

Rad Release : No

Cause :

Component :

Date Notified : 03/13/88

Time Notified : 03:30

Date of Event : 03/13/88

Time of Event : 03:10

Classification : 10 CFR 50.72

Category 1 : SCRAM

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

UNIT WAS MANUALLY SCRAMMED FROM 15% POWER AS PART OF A CONTROLLED EVOLUTION (REFUELING OUTAGE SURV TO MEASURE SDIV TIMES). ALL RODS FULLY INSERTED ON THE SCRAM. PLANT STABLE IN HOT S/D AND WILL BE PROCEEDING TO COLD S/D TO START A PLANNED 15 WEEK REFUELING OUTAGE. RI WILL BE INFORMED BY THE LICENSEE. NOTIFIED R3DO (SCHUMACHER).

Reportable Event number 11744 .

Facility : NINE MILE PT

Unit : 1

Region : 1

Vendor : GE, GE

Operations Officer : TOM SILKO

NRC Notified By : MURPHY

Radiation Release : No

Cause : Personnel Error

Component :

Date Notified : 03/13/88

Time Notified : 04:20

Date of Event : 03/13/88

Time of Event : 02:33

Classification : 10 CFR 50.72

Category 1 : ESF Actuation

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

UNIT IN REFUELING. WHILE PULLING LPRMS FROM THE CORE, THEY WERE BROUGHT TOO CLOSE TO THE SURFACE OF THE WATER AND CAUSED THE REFUEL BRIDGE RAD MONITOR TO ACTUATE A RX BLDG EMERGENCY VENT INITIATION. THE LPRM WAS PLACED FURTHER INTO THE WATER AND RX BLDG VENT WAS RESTORED AT 0238HRS. PERSONNEL WERE ESTIMATED TO BE EXPOSED TO A MAX FIELD OF 80MR/HR. RI WILL BE INFORMED BY THE LICENSEE. NOTIFIED RIDO (JOHNSON) NOTE: LICENSEE ALSO REPORTS THAT THE ENS IS OUT OF SERVICE (1HR REPORT) FOR BOTH UNITS. HOO TO CALL A*AT FOR REPAIRS.

Reportable Event number 11745 .

Facility : BRAIDWOOD

Unit : 1&2

Region : 3

Vendor : WEST, WEST

Operations Officer : TOM SILKO

NRC Notified By : KUCKENBECKER

Rad Release : No

Cause : Unknown

Component :

Date Notified : 03/13/88

Time Notified : 07:05

Date of Event : 03/13/88

Time of Event : 07:00

Classification : IN ACTION

Category 1 :

Category 2 :

Category 3 :

Category 4 :

EVENT DESCRIPTION :

UNIT 1 IN HOT S/D, UNIT 2 IN HOT S/B. COURTESY CALL FROM THE LICENSEE
DUE TO A FIRE IN A WAREHOUSE LOCATED ON SITE PROPERTY BUT OUTSIDE THE
PROTECTED AREA. FIRE OUT AT THE TIME OF THE NOTIFICATION. FIRE DOES NOT
EFFECT THE OPERATION OF EITHER UNIT. NO PERSONNEL INJURIES. RI WILL BE
INFORMED BY THE LICENSEE. NOTIFIED R3D0 (SCHUMACHER).

Reportable Event number 11747 .

Facility : NINE MILE PT

Date Notified : 03/13/88

Unit : 2

Time Notified : 18:14

Region : 1

Date of Event : 03/13/88

Vendor : GE,GE

Time of Event : 17:45

Operations Officer : John MacKinnon

Classification : Unusual Event

NRC Notified By : HANCZYK/POINDEXTER

Category 1 : ESF Actuation

Rad Release : No

Category 2 :

Cause : Unknown

Category 3 :

Component :

Category 4 :

EVENT DESCRIPTION :

REACTOR WAS INITIALLY AT 98% POWER AND IS NOW IN A HOT STABLE S/D CONDITION. REACTOR WAS AT 98% POWER AND FOR SOME UNKNOWN REASON BOTH RECIRC PUMPS DOWNSHIFTED TO SLOW SPEED. RTR POWER DECREASED. WHEN RECIRC PUMPS DOWNSHIFTED TO SLOW SPEED THEY GOT A LEVEL PERTURBATION ON FEEDWATER LOW PRESSURE HEATER STRINGS "A & C". THIS CAUSED FEEDWATER LOW PRESSURE STRINGS "A & C" TO ISOLATE ON THE FEEDWATER SIDE. WHEN THEY ISOLATED BOTH MAIN FEEDWATER PUMPS TRIPPED ON LOW SUCTION PRESSURE. RTR VESSEL WATER LEVEL(RVWL) DECREASED TO LEVEL 3 AT WHICH POINT THEY GOT A FULL RTR SCRAM. ALL RODS FULLY INSERTED INTO THE CORE. RVWL CONTINUED TO DECREASE. AT LEVEL 2 HPCS & RCIC INITIATED. THEY INJECTED WATER INTO THE CORE. THEY WERE OPERATING FOR ABOUT 10 MINUTES BEFORE THEY WERE SECURED. CALLER COULD NOT TELL ME HOW MANY GALLONS OF WATER WAS INJECTED INTO THE CORE. ALL HE COULD SAY WAS THAT THEY SECURED HPCS AND RCIC WHEN THEY GOT ONE OF THE MAIN FEEDWATER PUMPS BACK IN SERVICE AND THAT RVWL WAS IN ITS PROPER BAND. RVWL NEVER REACHED LEVEL 3 OR DECREASED TO LEVEL 1. NO SRV'S OPENED. THEY ARE INVESTIGATING WHY BOTH RECIRC PUMPS DOWNSHIFTED TO SLOW SPEED AND ARE ALSO INVESTIGATING WHY LOW PRESSURE FEEDWATER HEATER STRINGS "A & C" ISOLATED. UNUSUAL EVENT WAS DECLARED AT 1745EST AND WAS TERMINATED AT 1800EST. STATE LOCAL OFFICIALS WERE INFORMED AND THE RI WILL BE INFORMED BY THE LICENSEE. R100(JON JOHNSON),EO(B GRIMES) AND FEMA(WITSBERGER) NOTIFIED. ***UPDATE @2210EST*** STILL INVESTIGATING WHY RECIRC PUMPS DOWNSHIFTED TO SLOW SPEED AND WHY LOW PRESSURE FEEDWATER HEATER STRINGS ISOLATED. R100(J JOHNSON) NOTIFIED.

Reportable Event number 11748 .

Facility : SEQUOYAH

Date Notified : 03/13/88

Unit : 1,2

Time Notified : 18:50

Region : 2

Date of Event : 03/13/88

Vendor : WEST, WEST

Time of Event : 18:50

Operations Officer : John MacKinnon

Classification : COURTESY CALL

MRC Notified By : D ROBERTS

Category 1 : Security

Rad Release : No

Category 2 :

Cause : BOMB THREAT

Category 3 :

Component :

Category 4 :

EVENT DESCRIPTION :

UNIT 1 IN COLD S/D AND UNIT 2 IN HOT S/B. RECEIVED INFORMATION OF A BOMB THREAT FROM BROWNS FERRY NUCLEAR POWER PLANT. FBI INFORMED BROWNS FERRY OF THE BOMB THREAT. INCREASED SECURITY AWARENESS AND SEARCHING AREAS. NO PRESS RELEASE WILL BE MADE. DO NOT BELIEVE THREAT IS SERIOUS. SEE HOO LOG BOOK FOR FURT. DETAILS. RI WAS INFORMED BY THE LICENSEE. R2DO(R CLENJAK),OSP(ARR), IAT NMSS(DAVIDSON) AND IAT NRR(LOREN BUSH) NOTIFIED.

Reportable Event number 11749 .
Facility : BROWNS FERRY Date Notified : 03/13/88
Unit : 1,2,3 Time Notified : 18:24
Region : 2 Date of Event : 03/13/88
Vendor : GE,GE,GE Time of Event : 18:00
Operations Officer : John MacKinnon Classification : COURTESY CALL
MRC Notified By : T. G. JONES Category 1 : Security
Rad Release : No Category 2 :
Cause : BOMB THREAT Category 3 :
Component : Category 4 :

EVENT DESCRIPTION :

ALL THREE UNITS ARE DEFUELED. FBI NOTIFIED THEM OF A BOMB THREAT MADE AGAINST THE PLANT. THEY INCREASED SECURITY AWARENESS. THEY ARE NOT SEARCHING AREAS WITHIN THE PLANT. SEE HOO LOG BOOK FOR FURTHER DETAILS. RI WAS INFORMED BY THE LICENSEE. R2DO(R CRLENJAK), EO(B GRIMES), OSP(K BARR), I/MS(DAVIDSON) & IAT NRR(LOREN BUSH) NOTIFIED.

NRC OPERATIONS CENTER
PLANT STATUS REPORT FOR 14-MAR-88
UNEVALUATED INFORMATION PROVIDED BY THE UTILITY

REG	PLANT NAME	PHONE	%PWR	DOWN	RESTART	REASON OR COMMENTS	*
1	BEAVER VALLEY 1	:2201	:100	:	:	:	:
1	BEAVER VALLEY 2	:2201	:100	:	:	:	:
1	CALVERT CLIFFS 1	:2202	:97	:	:	:	:
1	CALVERT CLIFFS 2	:2202	:	:02/26	:03/28	:MODE 4 - :COND 5/D :MAINTENANCE OUTAGE	:
1	FITZPATRICK	:2203	:82	:	:	:ROD SWAP - HOLDING :TO REPAIR 'B' TIP.	:
1	GINNA	:2204	:89	:	:	:HOLD FOR FLUX MAP - :INCREASING POWER.	:
1	HADDAM NECK	:2205	:	:07/18	:03/20	:MODE 4 - HOT S/D.	:
1	HOPE CREEK 1	:2206	:	:02/13	:04/08	:COND 5 - :REFUELING OUTAGE; :FUEL ROD SHUFFLE IN :PROGRESS.	:
1	INDIAN POINT 2	:2207	:100	:	:	:0.004 GPM SG TUBE	:

: LEAK (5.76 GPD). :

1	INDIAN POINT 3	:2208	:100	:	:	:	:	:
1	LIMERICK 1	:2209	:100	:	:	:	:	:
1	MAINE YANKEE	:2210	:100	:	:	:	:	:
1	MILLSTONE 1	:2211	:55	:	:	:	PLUGGING CONDENSER TUBES.	:
1	MILLSTONE 2	:2211	:100	:	:	:	:	:
1	MILLSTONE 3	:2211	:100	:	:	:	:	:
1	NINE MILE POINT 1	:2213	:	:	12/19	04/01	COLD S/D. REFUELING OUTAGE	:
1	NINE MILE POINT 2	:2213	:	:	03/13	03/13	XX SCRAM ON LOW LVL. COLD S/D.	:
1	OYSTER CREEK	:2215	:100	:	:	:	:	:
1	PEACH BOTTOM 2	:2216	:	:	03/13	UNK	COND 5 - REFUELING CONDITION MAINTENANCE OUTAGE NRC ORDER	:
1	PEACH BOTTOM 3	:2216	:	:	03/31	UNK	COND 5 - REFUELING. PIPE REPLACEMENT.	:

: DEFUELED

: NRC ORDER

NRC OPERATIONS CENTER
PLANT STATUS REPORT FOR 14-MAR-80
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REG	PLANT NAME	PHONE	XPWR	DOWN	RESTART	REASON OR COMMENTS	*
1	PIILGRIM 1	:2217	:	:04/86	:07/88	:COND 4 - :COLD S/D	:
1	SALEM 1	:2218	:100	:	:	:813 S/G TUBE LEAK :S44/M29/T /W /T_ / :F GPD.	:
1	SALEM 2	:2218	:100	:	:	:	:
1	SEABROOK 1	:2219	:	:-- --	:UNK	:MODE 5 - :COLD S/D	:
1	SHOREHAM	:2220	:	:08/88	:04/88	:COND 4 - :COLD S/D	:
1	SUSQUEHANNA 1	:2221	:100	:	:	:	:
1	SUSQUEHANNA 2	:2221	:	:03/05	:05/15	:COND 5 - :REFUELING OUTAGE	:
1	THREE MILE ISLAND 1	:2222	:100	:	:	:	:
1	THREE MILE ISLAND 2	:2222	:	:03/79	:UNK	:RECOVERY	:

1 :VERMONT YANKEE :2224 :100 : : : : :

1 :YANKEE ROWE :2225 :100 : : : : :

NRC OPERATIONS CENTER
 PLANT STATUS REPORT FOR 14-MAR-88
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REG	PLANT NAME	PHONE	XPWR	DOWN	RESTART	REASON OR COMMENTS	*
2	BROWNS FERRY 1 817	:2229	:	:03/85	:UNK	:COLD SHUTDOWN - :REFUELING OUTAGE :DEFUELED	: : : :
2	BROWNS FERRY 2_751	:2229	:	:08/84	:UNK	:COLD SHUTDOWN - :REFUELING OUTAGE :DEFUELED	: : : :
2	BROWNS FERRY 3_0700	:2229	:	:03/85	:UNK	:COLD SHUTDOWN - :REFUELING OUTAGE :DEFUELED	: : : :
2	BRUNSWICK 1	:2230	:100	:	:	:	: :
2	BRUNSWICK 2	:2230	:	:01/02	:01/20	:COND 5 - :REFUELING OUTAGE	: : :
2	CATAWBA 1	:2231	:8	:	:	:INCREASING POWER	: :
2	CATAWBA 2	:2231	:	:03/09	:03/15	:MODE 4, HOT S/D; :AFW LCO, :EVENT # 11711	: : : :
2	CRYSTAL RIVER 3	:2233	:100	:	:	:	: : :

2	FARLEY_1	:2234	:100	:	:	:	:	:
2	FARLEY 2	:2234	:100	:	:	:	:	:
2	GRAND GULF 1	:2235	:100	:	:	:	:	:
2	HARRIS 1	:2236	:100	:	:	:	:	:
2	HATCH 1	:2237	:100	:	:	:	:	:
2	HATCH 2	:2237	:	:	01/13	03/14	COND 5 -	:
							REFUELING OUTAGE	:
2	MCGUIRE 1	:2239	:100	:	:	:	:	:
2	MCGUIRE 2	:2239	:100	:	:	:	:	:
2	NORTH ANNA 1	:2240	:100	:	:	:	:	:
2	NORTH ANNA 2	:2240	:100	:	:	:	:	:
2	OCONEE 1	:2241	:100	:	:	:	:	:
2	OCONEE 2	:2241	:	:	02/04	04/14	MODE 8 -	:
							REFUELING OUTAGE	:
							DEFUELED	:
2	OCONEE 3	:2241	:100	:	:	:	0.02 GPM S/G TUBE	:
							LEAK & SMALL AMOUNT	:

:OF FAILED FUEL :

NRC OPERATIONS CENTER

PLANT STATUS REPORT FOR 14-MAR-88

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REG	PLANT NAME	PHONE	XPWR	DOWN	RESTART	REASON OR COMMENTS	*
2	ROBINSON 2	:2242	: 60	:	:	: LIMITED TO MAX PWR : OF 60% BY NRC DUE TO : ANALYZED FAILURE : MODE FOR SI PUMPS : DURING ACCIDENT.	:
2	SEQUOYAH 1	:2243	:	:08/85	:UNK	:MODE 5 - :COLD S/D - :CONFIRMING EQ OF :SAFETY SYSTEMS	:
2	SEQUOYAH 2	:2243	:	:08/85	:03/20	:MODE 3 - :HOT S/B	:
2	ST. LUCIE 1	:2244	:100	:	:	:	:
2	ST. LUCIE 2	:2244	:100	:	:	:	:
2	SUMMER	:2245	:100	:	:	:	:
2	SURRY 1	:2246	: 77	:	:	: INCREASING POWER.	:
2	SURRY 2	:2246	:100	:	:	:	:

2 : TURKEY POINT 3 : 2247 : 100 : : : : : : : :

2 : TURKEY POINT 4 : 2247 : 100 : : : : : : : :

2 : VOGTLE 1 : 2248 : 100 : : : : : : : :

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REG	PLANT NAME	PHONE	XPWR	DOWN	RESTART	REASON OR COMMENTS	*
3	BIG ROCK POINT	:2250	: 83	:	:	: LIMITED TO 87% POWER : : DUE TO FUEL THERMAL : : LIMITS :	
3	BRAIDWOOD 1	:2251	:	:01/02	:03/31	: MODE 4 - : HOT S/D :	
3	BRAIDWOOD 2	:2251	:	:	:	: MODE 2 - STARTUP. : S/U TESTING. :	
3	BYRON 1	:2252	: 98	:	:	: ADMIN LIMIT OF 98% : : POWER DUE TO S/G : : UPPER NOZZEL FLOW : : LIMITATIONS :	
3	BYRON 2	:2252	: 94	:	:	: ADMIN LIMIT OF 94% : : POWER DUE TO FW : : FLOW LIMITATIONS : : LOAD FOLLOWING :	
3	CALLAWAY 1	:2253	:100	:	:		
3	COOK 1	:2254	: 90	:	:	: ADMIN LIMIT OF 91% : : POWER TO EXTEND S/G :	

: TUBE LIFE :

3	: COOK 2	: 2254	: 80	:	:	:	: ADMIN LIMIT OF 81X	:	:
							: POWER TO EXTEND S/G	:	:
							: TUBE LIFE	:	:
3	: DAVIS-BESSE 1	: 2255	:	: 03/10	: UNK	:	: MODE 5, COLD S/D	:	:
							: REFUELING OUTAGE	:	:
3	: DRESDEN 2	: 2256	: 82	:	:	:	: LOAD FOLLOWING	:	:
3	: DRESDEN 3	: 2256	: 93	:	:	:	: LOAD FOLLOWING	:	:
3	: DUANE ARNOLD	: 2257	: 100	:	:	:		:	:
3	: FERMI 2	: 2258	:	: 02/27	: 04/15	:	: MODE 4 -	:	:
							: COLD S/D	:	:
							: MAINTENANCE OUTAGE	:	:
3	: KEWAUNEE	: 2259	:	: 03/02	: 04/10	:	: MODE 6 -	:	:
							: REFUELING OUTAGE	:	:
3	: LACROSSE	: 2260	:	: 04/87	: - - -	:	: DEFUELED FOR	:	:
							: DECOMMISSIONING	:	:
3	: LASALLE 1	: 2261	:	: 03/13	: 06/15	:	: COLD S/D	:	:
							: REFUELING OUTAGE	:	:
3	: LASALLE 2	: 2261	:	: 03/09	: 03/15	:	: COLD S/D	:	:

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REG	PLANT NAME	PHONE	XPWR	DOWN	RESTART	REASON OR COMMENTS	*
3	MONTICELLO	:2263	:100	:	:	:	:
3	PALISADES	:2264	:100	:	:	:	:
3	PERRY 1	:2265	:100	:	:	:	:
3	POINT BEACH 1	:2266	:100	:	:	:	:
3	POINT BEACH 2	:2266	:100	:	:	:	:
3	PRAIRIE ISLAND 1	:2267	:20	:	:	:INCREASING POWER.	:
3	PRAIRIE ISLAND 2	:2267	:100	:	:	:	:
3	QUAD CITIES 1	:2268	:92	:	:	:LOAD FOLLOWING	:
3	QUAD CITIES 2	:2268	:91	:	:	:LOAD FOLLOWING	:
3	ZION 1	:2269	:	:02/25	:05/01	:MODE 8 - :REFUEL :REFUELING OUTAGE	:
3	ZION 2	:2269	:83	:	:	:2 S/G SAFETIES OUT :OF TOLERANCE.	:

3 : CLINTON : 2270 : 100 : :

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REG	PLANT NAME	PHONE	X PWR	DOWN	RESTART	REASON OR COMMENTS	#
4	ARKANSAS 1	2271	80	:	:	FUEL CONSERVATION	:
4	ARKANSAS 2	2271	:	02/12	05/88	MODE 6 - REFUELING OUTAGE DEFUELED	: : : :
4	COOPER	2273	:	03/05	05/88	COND 4 - COLD S/D REFUELING OUTAGE	: : : :
4	FORT CALHOUN 1	2274	70	:	:	CONSERVING FUEL	: :
4	FORT SAINT VRAIN	2275	77	:	:	ADMIN LIMIT OF 78% POWER DUE TO NRC LIMIT OF 82% POWER.	: : : :
4	RIVER BEND 1	2276	100	:	:		: :
4	SOUTH TEXAS	2277	:	:	:	MODE 2, STARTUP; LOW PWR PHYSICS TESTING; CRITICAL.	: : : :
4	WATERFORD 3	2278	100	:	:		: :

4 : WOLF CREEK 1 : 2279 : 100 : :

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REG	PLANT NAME	PHONE	XPWR	DOWN	RESTART	REASON OR COMMENTS	*
5	DIABLO CANYON 1	:2281 :		:03/08	:05/15	:MODE 5 - :COLD S/D :REFUELING OUTAGE	: : : :
5	DIABLO CANYON 2	:2281 :	:100	:	:	:	: : :
5	PALO VERDE 1	:2282 :	:70	:	:	:HOLDING AT TEST :PLATEAU FOR 8-12HRS.	: : :
5	PALO VERDE 2	:2283 :		:02/20	:05/88	:MODE 6 - :REFUELING OUTAGE	: : :
5	PALO VERDE 3	:2284 :	:100	:	:	:	: : :
5	RANCHO SECO	:2285 :		:12/85	:03/20	:HOT S/D :MAINTENANCE OUTAGE	: : :
5	SAN ONOFRE 1	:2286 :		:02/14	:03/31	:MODE 5 :COLD S/D :MAINTENANCE OUTAGE	: : : :
5	SAN ONOFRE 2	:2287 :	:100	:	:	:S/G TUBE LEAK IN GPD :S55/M49/T /W /T / :F /S	: : : :

5 : SAM ONOFRE 3 : 2287 : 100 : : : :

5 : TROJAN : 2288 : 100 : : : :

5 : WNP 2 : 2289 : 95 : : : :

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