

UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 2J855

September 28, 1992

Docket Nos. 50-321, 50-366 50-424, 50-425

LICENSEE: Georgia Power Company, et al.

FACILITY: Hatch Nuclear Plant, Uni s 1 and 2

Vogtle Electric Generating Plant, Units 1 and 2

SUBJECT: MEETING SUMMARY OF MAY 5 AND 6, 1992

Introduction

On May 5, 1992, Mr. K. McCoy, Vice President of Vogtle, Georgia Power Company (GPC), met with Messrs. G. Lainas, S. Varga, and J. Partlow to discuss GPC's safety initiatives, Vogtle licensing issues, and licensing action priorities. Concurrent with these meetings, Mr. J. Bailey, Vogtle Licensing Manager, GPC, met with Mr. D. Hood, NRC Project Manager for Vogtle, to review the Vogtle licensing actions; and Mr. S. Bethay, Hatch Licensing Manager, along with Messrs. H. Nix. S. Tipps, and M. McCluskie, GPC, met with Mr. K. Jabbour, NRC Project Manager for Hatch, to review the Hatch licensing actions.

On May 6, 1992, the NRC staff met with GPC representatives to discuss the subjects outlined in the agenda. Enclosure 1 lists the attendees, and Enclosure 2 contains the meeting agenda.

Discussion

After brief introductory remarks, Mr. J. Kennedy, NRC, discussed the proposed rulemaking for on-site storage of low-level radioactive waste. He stated that the rule as proposed for Commission consideration defines the conditions which need to be met before licensees can store low-level waste after January 1, 1996. This date is the last milestone of the "Low-Level Radioactive Waste Folicy Amendments Act" of 1985. The rulemaking is intended to encourage the States to continue to develop waste disposal capacity, even if the last milestone is missed. Enclosure 3 contains a copy of the viewgraphs used for his presentation.

At GPC's request, Mr. M. Caruso, NRC, summarized the results of the NRC's shutdown risk study and the various ways of minimizing risk during outages. He noted that NUREG-1449 was issued as a draft report for comment, in February 1992, and that the NRC will perform a regulatory analysis to determine if additional requirements are needed.

Mr. J. Craig, NRC, provided an overview of the NRC's plans for license renewal for nuclear power plants and its significance to the nation's energy needs. He also discussed the requirements of the States and other Federal Agencies. He related the key elements of NRC requirements which consist of 10 CFR Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions," and 10 CFR Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants."

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Mr. J. Lieberman, NRC, discussed the "Revisions to Procedures to Issue Orders; Deliberate Misconduct by Unlicensed Persons," (56 Federal Register 40664 dated August 15, 1991), and the enforcement actions associated with deliberate misconduct. A copy of the viewgraphs used for his presentation is included as Enclosure 4.

Mr. S. Bethay, GPC, informed the NRC staff that entry in the Technical Specification Action statement may be impractical and burdensome when the surveillance testing requires brief periods of time. He further stated that GPC's interpretation of Gene.ic Letter 91-18, "Information to Licensees Regarding Two NRC Inspection Manual Sections on Resolution of Degraded and Nonconforming Conditions and on Operability" allows this relief. The NRC staff and GPC representatives agreed to discuss this subject, at a later date, in a separate meeting.

Mr. S. Chestnut, GPC, reviewed the operating status of the Vogtle Plant and provided a listing of the major modifications related to the last Unit 2 outage which was completed May 9, 1992. A copy of the viewgraphs used for his presentation is included as Enclosure 5.

Mr. S. Tipps, GPC, reviewed the status of the Hatch Plant and the major accomplishments during Unit 1 outage in the fall of 1991. He also discussed the planned accomplishments for the Unit 2 outage in the fall of 1992.

Conclusion

The NRC staff and GPC representatives agreed to hold the next interface meeting at Plant Hatch during the fall of 1992.

Kahta N. Jabbour, Project Manager

Project Directorate II-3

Division of Reactor Projects - I'II Office of Nuclear R. actor Regulation

Enclosures: As stated

cc w/enclosures: See next page Georgia Power Company

CC: Mr. Ernest L. Blake, Jr. Shaw, Pittman, Potts and Trowbridge 2300 N Street, NW. Washington, DC 20037

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Mr. S. J. Bethay Managar Licensing - Hatch Georgia Power Company P. O. Box 1295 Birmingham, Alabama 35201

Mr. L. Sumner General Manager, Nuclear Plant Georgia Power Company Route 1, Box 439 Baxley, Georgia 31513

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Harold Reheis, Director Department of Natural Resources 205 Butler Street, SE., Suite 1252 Atlanta, Georgia 30334

Chairman Appling County Commissioners County Courthouse Baxley, Georgia 31513 Edwin 1. Hatch Nuclear Plant Vogtle Electric Generating Plant

Mr. R. P. McDonald Executive Vice President -Nuclear Operations Georgia Power Company P. O. Box 1295 Birmingham, Alabama 35201

Mr. Alan R. Herdt, Chief Project Branch #3 U. S. Nuclear Regulatory Commission 101 Marietta Street, NW, Suite 2900 Atlanta, Georgia 30323

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Mr. W. G. Hairston, III Senicr Vice President -Nuclear Operations Georgia Power Company P. O. Box 1295 Birmingham, Alabama 35201 Mr. J. Lieberman, NRC, discussed the "Revisions to Procedures to Issue Orders; Deliberate Misconduct by Unlicensed Persons," (56 Federal Register 40664 dated August 15, 1991), and the enforcement actions associated with deliberate misconduct. A copy of the viewgraphs used for his presentation is included as Enclosure 4.

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ORIGINAL SIGNED BY
Kahtan N. Jabbour, Project Manager
Project Directorate II-3
Division of Reactor Projects - 1/II
Office of Nuclear Reactor Regulation

Enclosures: As stated

cc w/enclosures: See next page

Distribution:

See next page SEE PREVIOUS CONCURRENCE *

LA: PDII-3* PM: PDII-3 PM: PDII-3* U: PDPII-3 LBerry KJabbour/rst DHood pMatthews 09/17/92 9/23/92 09/17/92 10/2/25792

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DISTRIBUTION LIST FOR MEETING SUMMARY OF MAY 5 AND 6, 1992;

Docket File NRC/Local PDRs PDII-3 R/F Hatch R/F Vogtle R/F

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J. Kennedy

S. Hoffman

L. Raghavan

N. Salgado J. Wilcox

J. Ball

L. Cunningham

ACRS (10)

J. Wechselberger, EDO

E. Merschoff, RI!

May 6, 1992

GPC/NRC Interface Meeting

List of Attendees

Name

K. N. Jabbour Mehdi Sheibani Stephen H. Chesnut Len Wert Steve Tipps

Mitch McCluskie Steve Bethay Harvey Nix R. Nelson J. Kennedy D. Matthews C. K. McCoy J. A. Bailey Darl Hood Richard E. Mullins Stephen Hoffman L. Raghavan N. L. Salgado J. D. Wilcox, Jr. Jay R. Ball L. J. Cunningham

Organization

NRC/NRR/PDII-3 GPC/Tech Support GPC/Vogtle Tech Support NRC/Hatch SRI GPC/Mgr. Nuclear Safety and Compliance SNC/Hatch Licensing Engineer SNC/Hatch Mgr. Licensing SNC/Gen. Mgr. Nuclear Support NRC/NMSS NRC/NMSS NRC/NRR/DRPE GPC/Vice President SNC/Mgr. Licensing Vogtle NRC/NRR/PDII-3 SNC/Farley Licensing NRC/NRR/PDII-1 NRC/NRR/PDII-2 NRR/DST/SELB NRR/DRIS/RSIB NRR/DRIS/RSIB NRR/DREP/PRPB

AGENDA

GPC/NRC INTERFACE MEETING

MAY 5 10 6, 1992

May 5, 1992		
1:30 - 3:30 P.M.	A series of meetings between GPC and NRC staff to discuss licensing issues and priorities.	NRC/GPC
May 6, 1992		
8:45 - 9:00 A.M.	Opening Remarks	NRC/GPC
9:00 - 10:00 A.M.	Low-level White Storage Update	NRC
10:00 - 10:15 A.M.	Break	
10:15 - 11:00 A.M.	License Renewai	NRC
11:00 - 11:30 A.M.	Proposed Changes to NRC Enforcement Policy	NRC
11:30 - 12:00 Noon	Hatch Technical Specification Discussion	NRC/GPC
12:00 - 1:00 P.M.	Lunch	
1:15 - 2:00 P.M.	Plant Hatch Operations Review	GPC.
2:00 - 2:45 P.M.	Plant Vogtle Operations Review	GPC
2:45 - 3:00 P.M.	Break	
3:00 - 4:30 P.M.	Breakout Sessions, Incident Response Center Tour	NRC/GPC

ON-SITE STORAGE OF LOW-LEVEL RADIOACTIVE WASTE PROPOSED RULEMAKING

Presentation to:

ADVISORY COMMITTEE ON NUCLEAR WASTE



ROBERT NELSON
LOW-LEVEL WASTE MANAGEMENT BRANCH
DIVISION OF LOW-LEVEL WASTE MANAGEMENT AND DECOMMISSIONING
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS
U.S. NUCLEAR RECULATORY COMMISSION
(301) 504-2004

APRIL 22, 1992

PRESENTATION OUTLINE

- BACKGROUND
- COMMISSION DIRECTION
- STAFF RESPONSE
 - COMMISSION PAPER
 - PROPOSED RULE

BACKGROUND

- SECY-90-318 OF SEPTEMBER 12, 1990
- COMMISSION MEETING OCTOBER 29, 1990
- FEDERAL REGISTER NOTICE OF DECEMBER 4, 1990
- SECY-91-306 OF SEPTEMBER 26, 1991
- STAFF REQUIL MENTS MEMORANDUM OF JANUARY 30, 1992

COMMISSION DIRECTION

STAFF REQUIREMENTS MEMORANDUM DATED JANUARY 30, 1992

DEVELOP A RULEMAKING TO ESTABLISH A REGULATORY FRAMEWORK SETTING FORTH THE PROCEDURES AND CRITERIA THAT WILL APPLY TO ON-SITE STORAGE OF LOW-LEVEL RADIOACTIVE WASTE (LLW) AFTER JANUARY 1, 1996.

SUMMARY OF PROPOSED AMENDMENTS

PROPOSED RULE WOULD AMEND LICENSING CONDITIONS FOR:

- BYPRODUCT MATERIAL (PART 30)
- SOURCE MATERIAL (PART 40)
- PRODUCTION AND UTILIZATION FACILITIES (PART 50)
- SPECIAL NUCLEAR MATERIAL (PART 70)
- INDEPENDENT SPENT FUEL STORAGE (PART 72) (ADDED BY STAFF)

SUMMARY OF PROPOSED AMENDMENTS (CONT'D)

IDENTICAL CHANGES FOR ALL PARTS:

- LLW MAY BE STORED ON-SITE, PROVIDED IT IS AUTHORIZED UNDER EXISTING CONDITIONS OF THE LICENSE, AND STORAGE IS CONSISTENT WITH EXISTING AUTHORITIES AND PROCEDURES, AND ALL RELEVANT LICENSING AND REGULATORY REQUIREMENTS APPLICABLE TO ON-SITE STORAGE.
- LLW MAY NOT BE STORED ON-SITE BY THE GENERATOR BEYOND JANUARY
 1, 1996 EXCEPT AS PROVIDED BELOW:
 - •• FOR ON-SITE STORAGE (OTHER THAN SHORT-TERM STORAGE NECESSARY FOR DECAY OR FOR COLLECTION AND CONSOLIDATION FOR SHIPMENT OFF-SITL IN THE CASE WHERE THE LICENSEE HAS ACCESS TO AN OPERATING LLW DISPOSAL FACILITY) THE LICENSEE SHALL DOCUMENT THAT THE LICENSEE HAS EXHAUSTED OTHER REASONABLE WASTE MANAGEMENT OPTIONS.

SUMMARY OF PROPOSED AMENDMENTS (CONT'D)

THESE OPTIONS INCLUDE:

- MANAGEMENT BY THE STATE IN WHICH THE GENERATOR IS LOCATED
- CONTRACT OPTION
- LICENSEE SHALL RETAIN ALL RELEVANT DOCUMENTATION AND SHALL MAKE IT AVAILABLE FOR NRC INSPECTION

ADDITIONAL CHANGE UNIQUE TO 10 CFR PART 50:

• ON-SITE TORAGE ACTIVITIES WILL BE CONSISTENT WITH, AND NOT COMPROMISE, SAFE OPERATIONS OF THE LICENSEE'S ACTIVITIES, NOR DECREASE THE LEVEL OF SAFETY PROVIDED BY APPLICABLE REGULATORY REQUIREMENTS.

SRM REQUIREMENTS

SRM SPECIFIED AMENDATORY TEXT AND FOLLOWING REQUIREMENTS FOR THE TEXT OF THE PROPOSED RULE:

- SUMMARY OF DECEMBER 4, 1990 FEDERAL REGISTER NOTICE ON TITLE TRANSFER, COMMENTS RECEIVED ON THE NOTICE AND STAFF ANALYSIS.
- RULEMAKING SUPPLEMENTS, BUT DOES NOT SUPERCEDE EXISTING REGULATORY FRAMEWORK APPLICABLE TO STORAGE.
- RULEMAKING DOES NOT REQUIRE LICENSEES TO MAKE FORMAL SUBMITTALS TO NRC BUT RETENTION OF DOCUMENTATION VERIFYING COMPLIANCE IS REQUIRED.

SRM REQUIREMENTS (CONT'D)

- DETAILED DESCRIPTION OF TITLE TRANSFER PROVISION.
- DESCRIPTION OF NRC'S EXISTING PROCEDURES AND REQUIREMENTS FOR STORAGE.

ADDITIONALLY, THE SRM DIRECTED THE STAFF TO:

- COORDINATE WITH AGREEMENT STATES.
- SUBMIT PROPOSED RULE PACKAGE TO THE COMMISSION BY MAY 1, 1992 (DATE HAS BEEN EXTENDED TO MAY 8, 1992).

STAFF RESPONSE

COMMISSION PAPER

- INCI UDES A SUMMARY OF ACTIONS TAKEN TO DATE AND A SUMMARY OF THE PROPOSED RULEMAKING PACKAGE.
- IN ADDITION TO SRM REQUIREMENTS, STAFF HAS:
 - •• ADDED 10 CFR PART 72 TO THE RULEMAKING.
 - •• REVISED THE AMENDATORY TEXT TO LIMIT THE "COLLECTION OR CONSOLIDATION FOR SHIPMENT" EXEMPTION.
 - .. SPECIFIED A RECORD RETENTION PERIOD OF TWO YEARS.
 - •• DESCRIBED THE MEASURES EXPECTED TO BE TAKEN BY THE LICENSEES TO COMPLY WITH THE RULE.
 - •• DELETED THE REFERENCE TO SECTION 5(e)(1)(F) OF THE LLRWPAA.
 - •• ASSIGNED ENFORCEMENT AT SEVERITY LEVEL 4.

PROPOSED RULE

- BACKGROUND
- COORDINATION WITH AGREEMENT STATES
- COMPATIBILITY
- REGULATORY ANALYSIS
- ENVIRONMENTAL ASSESSMENT
- PAPERWORK REDUCTION ACT
- REGULATORY FLEXIBILITY CERTIFICATION
- BACKFIT ANALYSIS

BACKGROUND

- INCLUDES:
 - SUMMARY OF ACTIONS TAKEN TO DATE.
 - •• THE FIVE EXPLANATORY TEXT REQUIREMENTS OF THE SRM.

COORDINATION WITH AGREEMENT STATES

- INITIAL NOTICE SENT ON FEBRUARY 7, 1992.
- ADDITIONAL INFORMATION SENT ON FEBRUARY 14, 1992, WITH 30 DAY COMMENT PERIOD.
- FOURTEEN AGREEMENT STATES AND ONE COMPACT COMMISSION RESPONDED
 - ** ONE STATE SUPPORTED
 - •• THREE STATES OF POSED
 - •• TWO STATES RECOMMENDED DELAY
 - ** THREE STATES AND THE ONE COMPACT COMMISSION PROVIDED COMMENTS WITHOUT TAKING A CLEAR POSITION
 - .. ONE STATE RESERVED COMMENT
 - •• FOUR STATES RESPONDED WITH NO COMMENT
- COMMENTS RECEIVED FROM AGREEMENT STATES SIMILAR TO THOSE PROVIDED LAST YEAR IN RESPONSE TO THE DECEMBER 4, 1990, FEDERAL REGISTER NOTICE. COMMENTS AND STAFF ANALYSIS INCLUDED AS APPENDIX A.
- ALL AGREEMENT STATE COMMENTS ARE ADDRESSED.

COMPATIBILITY

- AGREEMENT STATE RESPONSE
 - .. ONE STATE DIV'SION 1
 - •• TWO STATES DIVISION 2
 - • ONE STATE DIVISION 3
 - .. SIX STATES DID NOT COMMENT ON COMPATIBILITY
- PROPOSED RULE

DIVISION 2

REGULATORY ANALYSIS

- ALTERNATIVES CONSIDERED:
 - .. NO ACTION.
 - .. ISSUE GUIDANCE AS ISSUES AND NEEDS ARE IDENTIFIED.
 - .. PUBLISH POLICY STATEMENT.
 - .. CONDUCT RULEMAKING.
- IMPACT ON STATES:
 - •• DIFFICULT TO ESTIMATE.
 - ** ANY LLW STORAGE COSTS INCURRED BY STATES WILL NOT BE NEW ECONOMIC COSTS, BUT A SHIFT OF EXISTING COSTS FROM GENERATORS TO STATES.

REGULATORY ANALYSIS (CONT'D)

- IMPACT ON GENERATORS:
 - •• 14,700 LICENSES.
 - •• 25 HOURS PER YEAR PER LICENSEF.
 - •• \$2,875 PER YEAR PER LICENSEE.
- IMPACT ON FEDERAL GOVERNMENT NEGLIGIBLE.

ENVIRONMENTAL ASSESSMENT

- NO ENVIRONMENTAL IMPACT.
- CONDITIONS OF PROPOSED RULE, IN THEMSELVES, WOULD NOT AUTHORIZE ON-SITE STORAGE.
- PROPOSED RULE WOULD ADD ADMINISTRATIVE AND VERIFICATION REQUIREMENTS TO EXISTING LICENSING REGULATIONS.
- ENVIRONMENTAL IMPACT OF OPERATING AN ON-SITE LLW STORAGE FACILITY WILL BE ADDRESSED, AS REQUIRED, AS PART OF LICENSING ACTION FOR THAT FACILITY, UNDER THESE PREVIOUSLY ESTABLISHED REGULATIONS.

PAPERWORK REDUCTION ACT

	Number of Records- keepers	Records Annually Per Record- keeper	Total Number of Records Annually	Hours Per Record	Total Annual Burdan	Cost (@ \$115/hr)
30.34(j)	5,913	5	29,565	5	147,825	\$16,999,875
40.41(h)	144	5	720	5	3,600	414,000
50.54(ff) 81	5	405	5	2,025	232,875
70.32(1)	212	5	1,060	5	5,300	609,500
72.44(h)	7	5	35	5	175	20,125
Total	6,357		31,785		158,925	\$18,276,375

REGULATORY FLEXIBILITY CERTIFICATION

PROPOSED RULE WILL NOT HAVE A SIGNIFICANT ECONOMIC IMPACT ON A SUBSTANTIAL NUMBER OF SMALL ENTITIES. THE REQUIRED DOCUMENTATION AND RECORDS MAINTENANCE WILL REQUIRE MINIMAL ADMINISTRATIVE RESOURCES.

BACKFIT ANALYSIS

- BACKFIT RULE (10 CFR 50.109) DOES NOT APPLY TO THIS PROPOSED RULE.
- PROPOSED RULE DOES NOT "...CONSTITUTE THE MODIFICATION OF OR ADDITION TO SYSTEMS, STRUCTURES, OR DESIGN OF A FACILITY; OR THE DESIGN APPROVAL OR MANUFACTURING LICENSE FOR A FACILITY; OR THE PROCEDURES OR ORGANIZATION REQUIRED TO DESIGN, CONSTRUCT OR OPERATE A FACILITY".
- PROPOSED RULE PRIMARILY ADDRESSES OFF-SITE DISPOSAL OF LLW RESULTING FROM REACTOR OPERATIONS.
- EXIS_ING REGULATORY FRAMEWORK APPLICABLE TO ASSURING SAFETY OF ON-SITE STORAGE OF LLW REMAINS UNCHANGED.

SCHEDULE

ACTION

FORWARD TO EDO

FORWARD TO COMMISSION

COMMISSION ACTION REQUESTED BY

PUBLIC COMMENT PERIOD

REVIEW & REVISION

FINAL COMMISSION APPROVAL

FINAL RULE IN PLACE

DATE/TIME FRAME

MAY 1, 1992

MAY 8, 1992

JULY 15, 1992

75 DAYS

45 DAYS

30 DAYS

DECEMBER 31, 1992

- (a) Any licensee or any employee of a licensee; and any contractor (including a supplier or consultant), subcontractor, or any employee of a contractor or subcontractor, of any licensee, who knowingly provides to any licensee, contractor, or subcortractor, components, equipment, materials, or other goods or services, that relate to a licensee's activities subject to this part; may not:
- (1) Engage in deliberate misconduct that causes or, but for detection, would have caused, a licensee to be in violation of any rule, regulation, or order, or any term, condition, or limitation of any license, issued by the Commission, or
- (2) Deliberately submit to the NRC, a licensee, or a licensee's contractor or subcontractor, information that the person submitting the information knows to be incomplete or inaccurate in some respect material to the NRC.
- (b) A person who violates paragraph (a)(1) or (a)(2) of this section may be subject to enforcement action in accordance with the procedures in 10 CFR Part 2, Subpart B.
- (c) For purposes of paragraph (a)(1) of this section, deliberate misconduct by a person means an intentional act or omission that the person knows:
- (1) Would cause a licensee to be in violation of any rule, regulation, or order, or any term, condition, or limitation, of any license issued by the Commission, or
- (2) Constitutes a violation of a requirement, procedure, instruction, contract, purchase order or policy of a licensee, contractor, or subcontractor.

Deliberate Misconduct Rule

Applies to: Licensee

Licensee, Employee of Licensee, Contractor, Subcontractor, or Employee of These

Who Knowingly Provides to a Licensee or Contractor Components or Any Other Goods or Services That Relate to Licensed Activities

Deliberate Misconduct Rule

Prohibits:

(1) Engaging in Deliberate Misconduct That Causes, or but for Detection Would Have Caused, A Licensee to be in Violation of Any NRC Requirement,

or

(2) Deliberately Submitting to NRC, a Licensee, or Contractor, or Subcontractor, Information Known to Be Incomplete or Inaccurate in Some Respect Material to the NRC

Deliberate Misconduct Rule

Limitation: Deliberate Misconduct Means Intentional
Act or Omission that the Person Knows Would
Cause or is a Violation of a Requirement,
Procedure, Instruction, Contract, Purchase
Order, or Policy of a Licensee or Contractor,
Whether or not the Person Knew a Resulting
Violation Would Occur

Enforcement Actions Under Wrongdoer Rule

Orders to Wrongdoer

- Prohibit Involvement in Licensed Activities for a Specified Period
- Require Notice to NRC Before Resuming Involvement in Licensed Activities
- Require Individual to Inform Prospective Employer of the Issuance of the Order

Enforcement Actions Under Wrongdoer Rule

Orders to Employer Licensee

- Require Removal or Confirm Removal from Licensed Activities
- Existence of Order when they Call for Reference Require Advising Prospective Employers of the Checks
- Employs or Desires to Reemploy Wrongdoer in Require Notice to NRC if Employer Licensee Licensed Activities

Orders to an Unlicensed Person

Factors Considered:

- Level of the Individual
- Individual's Training and Experience, Knowledge of the Potential Consequerices
- Safety Consequences
- Benefit to the Wrongdoer
- Degree of Supervision of the Individual
- Employer's Response, e.g., Disciplinary Action Taken
- Attitude of the Wrongdoer
- Degree of Management Responsibility or Culpability
- Who Identified the Misconduct

PLANT VOGTLE STATUS

UNIT 1: 162 DAYS ON LINE

OPERATING AT 100% POWER WITH NO SIGNIFICANT PROBLEMS.

1992 YEAR TO DATE CAPACITY FACTOR OF 98.90%.

UNIT 2: COMPLETING SECOND REFUELING OUTAGE

PRIOR TO REFUELING OUTAGE 306 DAYS ON LINE.

CYCLE 2 CAPACITY FACTOR 92.89%.

2R2 OUTAGE SCHEDULE STATISTICS

OUTAGE START DATE = 3/11/92

OUTAGÉ FINISH DATE = 5/09/92

OUTAGE DURATION = 60 DAYS, 17 HOURS

NO. OF ACTIVITIES IN THE OUTAGE SCHEDULE = 5351

NO. OF CORRECTIVE MAINTENANCE WORK ORDERS = 1025

NO. OF PREVENTIVE MAINTENANCE WORK URDERS = 906

COMMITMENT PMS = 528

NONCOMMITMENT PMS = 378

NO. OF SURVEILLANCES = 665

2R2 OUTAGE MAJOR CHANGES

- RTD BYPASS ELIMINATION
- VANTAGE 5 FUEL
- CHANGE NON 1E 4160 480V GE DRY TYPE

 TRANSFORMERS
- MODIFY DG JACKET WATER HI TEMP TRIP
- DELETE NEGATIVE FLUX RATE RX TRIP
- DELETE RHR SUCTION VALVE AUTO CLOSURE

 INTERLOCK

2R2 OUTAGE NRC NOTIFICATION EVENTS

DATE	DESCRIPTION	TENTATIVE LER #
3-09-92	RX TRIP FROM LOSS OF POWER TO MSIVS, MFIVS AND BFIVS DUE TO ACTUATION OF BREAKER TEST TRIP	2-92-2
4-23-92	SAFETY INJECTION WHEN RESETTING BLOCK SWITCH DURING ESFAS TEST DUE TO PROCEDURE ERROR	
4-24-92	ESFAS SEQUENCER TIMING FOUND TO BE OUTSIDE OF DESIGN BASIS (BOTH UNITS). TECH. SPEC. 3.0.3 ENTRY (UNIT 1)	1-92-2
4-28-92	FWI DUE TO SG #4 HI-HI LEVEL WHILE OPENING MSIV DUE TO PROCEDURE INADEQUACY	2-92-6
4-29-92	FWI DUE TO COMPONENT MALTUNCT WHEN WATER LEVEL BISTABLE SPIKE HIGH	
5-02-92	FHB ISOLATION FROM RAD. MONITOR ARE-2532 A/B FAILURE	2-92-9

REACTOR COOLANT PUMP REPLACEMENT

- OVER CURRENT TRIP OF 1E AND NON 1E BREAKER
- BOLT AND WASHER PLATE FOR AIR DEFLECTOR VIBRATED LOOSE
- STATOR REPLACEMENT ON SITE
- MORE SECURE FASTENING ON ALL FOUR (4) RCPs
- OUTAGE SCHEDULE EXTENSION 6 DAYS
- WESTINGHOUSE NOTIFICATION OF OTHER LICLNSEES