

August 31, 1988

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Docket Nos. 50-321, 50-366
License Nos. DPR-57, NPF-5

Georgia Power Company
ATTN: Mr. W. G. Hairston, III
Senior Vice President -
Nuclear Operations
P. O. Box 4545
Atlanta, GA 30302

Gentlemen:

SUBJECT. MEETING SUMMARY - HATCH NUCLEAR PLANT, UNITS 1 AND 2

This refers to the management meeting conducted in the NRC Region II Office on July 29, 1988. This meeting was held at our request to discuss the status of the Emergency Operation Procedures upgrade and the Procedures Upgrade Project at Hatch Nuclear Plant. A list of attendees, a brief summary, and copies of the handouts provided during your presentation are enclosed.

It is our opinion that this meeting was beneficial and has provided additional information on the procedure programs.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

Should you have any questions concerning this letter, we will be pleased to discuss them.

Sincerely,
Original Signed by
J. Nelson Grace

J. Nelson Grace
Regional Administrator

Enclosures:

1. Meeting Summary
2. List of Attendees
3. Emergency Operating Procedures Handout
4. Procedures Upgrade Project Handout

cc w/encls: (See page 2)

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cc w/encls:

- R. P. McDonald, Executive Vice President,
Nuclear Operations
- J. T. Beckham, Vice President, Plant Hatch
- H. C. Nix, Plant Manager
- O. M. Fraser, Site Quality Assurance (QA)
Supervisor
- L. Gucwa, Manager, Nuclear Safety
and Licensing

bcc w/encls:

- NRC Resident Inspector
- DRS, Technical Assistant
- Hugh S. Jordan, Executive Secretary
- Document Control Desk
- State of Georgia

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August 31, 1988

ENCLOSURE 1

MEETING SUMMARY

On July 29, 1988, representatives of Georgia Power Company (GPC) met with the NRC in the Region II Office in Atlanta, Georgia to discuss the Emergency Operating Procedures (EOP) and the Procedure Upgrade Project (PUP) at Hatch Nuclear Plant. GPC gave a presentation which provided the overall status of the EOP upgrade of the PUP program.

During the first half of the meeting, GPC presented its EOP improvement goals, the Hatch EOP philosophy, and the EOP improvement plan. The EOP upgrade is being completed in four phases. Phase One which includes improved production quality, concurrent containment control actions, enhanced training, and Shift Supervisor/Operator EOP evaluations has been completed. Phase Two includes simplification of flowcharts; consolidation of end path manuals; improvement of the interface of Annunciator Response Procedures, Abnormal Operating Procedures, and Emergency Plan Implementing Procedures with EOPs in the areas of containment and radiation control guidelines; human factors enhancements; limited parallel paths; use for immediate scram action placards; and revision of the EOP administrative control program. This phase is scheduled to be completed in December 1988. GPC also stated that documentation to justify differences between the Plant Specific Technical Guidelines and the EOPs would be completed in Phase Two. Phase Three includes the development of a flowchart for containment control and radiation releases and the possible further simplification of the Reactor Pressure Vessel control flowchart. It is scheduled for completion in June 1989. The scheduled completion date for Phase Four, Emergency Procedure Guidelines Revision 4 implementation, has yet to be determined.

During the second half of the meeting, GPC presented the status of the PUP program. Completion of the upgrade of the technical specification surveillance procedures is scheduled for August 1988. Upgrade of the engineering, health physics, chemistry, operations, and maintenance procedures is scheduled to be completed by December 1989.

A list of meeting attendees is provided in Enclosure 2, and copies of the handouts provided during GPC's presentation are given in Enclosures 3 and 4.

August 31, 1988

ENCLOSURE 2

LIST OF ATTENDEES

U. S. Nuclear Regulatory Commission - Region II

J. N. Grace, Regional Administrator
C. W. Hehl, Deputy Director, Division of Reactor Projects (DRP)
A. F. Gibson, Director, Division of Reactor Safety (DRS)
C. A. Julian, Chief, Operations Branch, DRS
M. V. Sinkule, Chief, Project Section 3B, DRP
J. E. Menning, Senior Resident Inspector, Plant Hatch
C. A. Patterson, Project Engineer, DRP
D. C. Payne, Operator Licensing, DRS

NRC - Office of Nuclear Reactor Regulation

L. P. Crocker, Senior Project Manager, Plant Hatch
G. Lapinsky, Human Factors Specialist

Georgia Power Company

R. P. McDonald, Executive Vice President, Nuclear Operations
J. T. Beckham, Vice President, Plant Hatch
L. Sumner, Plant Manager, Plant Hatch
L. Gucwa, Manager Licensing Engineering
J. Heidt, Manager Licensing
S. Tipps, Nuclear Safety and Licensing Manager
S. Grantham, Operator Training Superintendent
J. Betstill, Operations Supports Superintendent
E. Toupin, Procedures Upgrade Program Manager

AGENDA

- IMPROVEMENT GOALS
- HATCH EOP PHILOSOPHY
- EOP IMPROVEMENT PLAN
AND SCHEDULE

IMPROVEMENT GOALS

- IMPROVE USABILITY
- USE MULTI-DISCIPLINE TEAM APPROACH IN DEVELOPMENT
- FOLLOW ACCEPTED INDUSTRY PRACTICES MORE CLOSELY
- DOCUMENT AND JUSTIFY DEVIATIONS FROM EPG
- INCREASE EMPHASIS ON CONCURRENT ACTIONS FOR CONTAINMENT CONTROL AND RAD RELEASE
- IMPROVE THE MAINTENANCE AND ADMINISTRATIVE CONTROL FOR THE EOP FAMILY OF PROCEDURES

HATCH EOP PHILOSOPHY

INITIAL PHILOSOPHY

THE EOP IS A COMPREHENSIVE PROCEDURE THAT PROVIDES ALL ACTIONS NECESSARY TO MAINTAIN THE PLANT IN A SAFE CONDITION IN A REAL OR POTENTIAL EMERGENCY SITUATION. THE EOP PROVIDES DIRECT DETAILED SHIFT SUPERVISOR INSTRUCTIONS TO ASSURE EACH STEP IS PERFORMED CORRECTLY.

HATCH EOP PHILOSOPHY

CURRENT PHILOSOPHY

THE EOP IS A PROCEDURE THAT CONTAINS THE SHIFT SUPERVISOR'S ACTIONS NECESSARY TO DIRECT OPERATORS TO MAINTAIN THE PLANT IN A SAFE CONDITION IN A REAL OR POTENTIAL EMERGENCY SITUATION.

EOP IMPROVEMENT PLAN

PHASE 1

- IMPROVED PRODUCTION QUALITY
- CONCURRENT CONTAINMENT CONTROL ACTIONS
- ENHANCED TRAINING
- SS/OPERATOR EOP EVALUATIONS

COMPLETE

PHASE 2

EOP IMPROVEMENT PLAN

- SIMPLIFICATION OF FLOWCHARTS
- CONSOLIDATION OF END PATH MANUALS
- IMPROVEMENT OF ARP/AOP/EIP INTERFACE WITH EOP IN AREAS OF CONTAINMENT CONTROL AND RADIATION RELEASE GUIDELINES
- HUMAN FACTORS ENHANCEMENTS
- LIMITED PARALLEL PATH
- USE OF IMMEDIATE SCRAM ACTION PLACARDS
- REVISE EOP ADMINISTRATIVE CONTROL PROGRAM

SCHEDULED COMPLETION: *DECEMBER 1988*

EOP SIMPLIFICATION TASKS

- REMOVE BLOCKS OF INFORMATION
- PERFORM LINE BY LINE REVIEW OF STEPS INCLUDING TECHNICAL, SHIFT SUPERVISOR AND HUMAN FACTORS INPUT
- INCORPORATE HUMAN FACTORS GUIDELINES
- PRODUCE CHARTS
- PERFORM EOP VERIFICATION
- PERFORM EOP VALIDATION
- REVISE SUPPORT PROCEDURES
- CONDUCT TRAINING

EOP IMPROVEMENT PLAN

PHASE 3

- DEVELOP FLOWCHART FOR CONTAINMENT CONTROL AND RAD RELEASE
- POSSIBLE FURTHER SIMPLIFICATION OF RPV CONTROL FLOWCHART

SCHEDULED COMPLETION: *JUNE 1989*

EOP IMPROVEMENT PLAN

PHASE 4

EPG REV 4 IMPLEMENTATION

- EVALUATE PROCEDURE
CHANGES REQUIRED
- EVALUATE DESIGN
CHANGES REQUIRED
- OBTAIN COST, MANPOWER,
TIME ESTIMATES
- DEVELOP SCHEDULE PENDING
NRC ISSUANCE OF SER

SCHEDULED COMPLETION: *TO BE DETERMINED*

PLANT HATCH

PROCEDURE UPGRADE PROJECT

MAJOR LONG TERM PROJECT

UPGRADE PLANT PROCEDURES

TECHNICALLY CORRECT - HIGHEST QUALITY

PLANT HATCH
PROCEDURE UPGRADE PROJECT
JULY 1988

TECHNICAL SPECIFICATION SURVEILLANCE

TOTAL PROCEDURES	495
APPROVED FOR USE/VALIDATION	411
DRAFT COMPLETE - IN APPROVAL PROCESS	84
REMAINING	0

83%

17%

ALL APPROVED FOR
USE/VALIDATION BY **AUG 88**

PLANT HATCH
PROCEDURE UPGRADE PROJECT
JULY 1988

ENGINEERING

TOTAL PROCEDURES	297
APPROVED FOR USE/VALIDATION	201
DRAFT COMPLETE - IN APPROVAL PROCESS	19
REMAINING	77
ALL APPROVED FOR USE/VALIDATION BY	DEC 89

PLANT HATCH
PROCEDURE UPGRADE PROJECT
JULY 1988

HEALTH PHYSICS

TOTAL PROCEDURES	119
APPROVED FOR USE/VALIDATION	51
DRAFT COMPLETE - IN APPROVAL PROCESS	37
REMAINING	31
ALL APPROVED FOR USE/VALIDATION BY	DEC 89

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PLANT HATCH
PROCEDURE UPGRADE PROJECT
JULY 1988

CHEMISTRY

TOTAL PROCEDURES	187
APPROVED FOR USE/VALIDATION	16
DRAFT COMPLETE - IN APPROVAL PROCESS	93
REMAINING	78
ALL APPROVED FOR USE/VALIDATION BY	DEC 89

PLANT HATCH
PROCEDURE UPGRADE PROJECT
JULY 1988

OPERATIONS

TOTAL PROCEDURES	2822
APPROVED FOR USE/VALIDATION	1588
DRAFT COMPLETE - IN APPROVAL PROCESS	440
REMAINING	794
ALL APPROVED FOR USE/VALIDATION: BY	DEC 89

PLANT HATCH
PROCEDURE UPGRADE PROJECT
JULY 1988

MAINTENANCE

TOTAL PROCEDURES	1599
APPROVED FOR USE/VALIDATION	587
DRAFT COMPLETE - IN APPROVAL PROCESS	395
REMAINING	617
ALL APPROVED FOR USE/VALIDATION BY	DEC 89