

MAY 16 1985

Mr. R. L. Mittl, General Manager
Nuclear Assurance & Regulation
Public Service Electric & Gas Company
P.O. Box 570, T22A
Newark, New Jersey 07101

Dear Mr. Mittl:

SUBJECT: NRC CASELOAD MANAGEMENT TEAM VISIT TO HOPE CREEK GENERATING STATION

On June 26 and 27, 1985, the NRC Caseload Management Team (CMT) will visit Hope Creek to obtain information regarding the status of construction of the plant and facilities. A list of the information that will be needed for this visit is enclosed. This information should be made available at the site for use by the staff during our visit.

The plan for the site visit provides for the first day being used for discussions of recent construction progress, the present status of the construction program and schedules for construction completion. On the second day, there will be a tour of the project to allow the staff to observe construction activities.

Questions regarding this visit should be directed to the NRC Hope Creek Project Manager, Mr. David Wagner (301) 492-8525.

Sincerely,

Walter R. Butler, Chief
Licensing Branch No. 2
Division of Licensing

Enclosure:
As stated

cc: R. Hartfield

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Docket File	LB#2/Reading	EJordan
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DWagner:dh	DHartfield	WButler
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Docket No. 50-354

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MAY 16 1985

Docket No. 50-354

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A handwritten signature in cursive script, appearing to read "W. Butler".

Walter R. Butler, Chief
Licensing Branch No. 2
Division of Licensing

Enclosure:
As stated

cc: R. Hartfield

Mr. R. L. Mittl
Public Service Electric & Gas Co.

Hope Creek Generating Station

cc: Gregory Minor
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Public Service Electric & Gas Co.
P. O. Box 570 T22A
Newark, New Jersey 07101

HOPE CREEK

CASELOAD MANAGEMENT TEAM SITE VISIT

MEETING AGENDA

1. Overview of project construction and preoperational testing schedule, including progress and major milestones completed, current problems and any anticipated problem areas that may impact the current projected fuel load date.
2. Detailed review and current status of design and engineering effort (by major discipline), including any potential problems that may arise from necessary rework.
3. Detailed review and current status of procurement activities, including valves, pipe, instruments, cable, major components, spare parts, etc.
4. Actual and proposed craft work force (by major craft), craft availability, productivity, potential labor negotiations and problems.
5. Detailed review and current status of all large and small bore pipe hangers, restraints, snubbers, etc., including design, rework, procurement, fabrication, delivery and installation.
6. Detailed review of project schedule identifying critical path items, near critical items, amount of float for various activities, the current critical path to fuel loading, methods of implementation of corrective action for any activities with negative float, and provisions for contingencies. The estimated project percent complete as of May 31, 1985.
7. Detailed review and current status of bulk quantities, including current estimated quantities, quantities installed to date, quantities scheduled to date, current percent complete for each, actual versus forecast installation rates, in cubic yards/mo., linear feet/mo., or number/mo., and basis for figures. Also indicate what percentage has been QA inspected and accepted.
 - (a) Concrete (CY)
 - (b) Process Pipe (LF)
 - Large Bore Pipe (2 1/2" and larger)
 - Small Bore Pipe (2" and smaller)

- (c) Yard Pipe (LF)
- (d) Large Bore Pipe Hangers, Restraints, Snubbers (ea)
- (e) Small Bore Pipe Hangers, Restraints (ea)
- (f) Cable Tray (LF)
- (g) Total Conduit (LF)
- (h) Total Exposed Metal Conduit (LF)
- (i) Cable (LF)
 - Power
 - Control
 - Security
 - Instrumentation
 - Plant Lighting
- (j) Terminations (ea)
 - Power
 - Control
 - Security
 - Instrumentation
 - Plant Lighting
- (k) Electrical Circuits (ea)
 - Power
 - Control
 - Security
- (l) Instrumentation (ea)

8. Detailed review and current status of preop and acceptance test procedures, integration of preop and acceptance test activities with construction schedule, system turnover schedule identifying each system and status, preop and acceptance tests schedule identifying each test and status, current and proposed preop and acceptance tests program manpower.

- (a) Total number of procedures required for fuel load.
- (b) Number of draft procedures not started.
- (c) Number of draft procedures being written.
- (d) Number of procedures approved.
- (e) Number of procedures in review.

- (f) Total number of preop and acceptance tests required for fuel load identifying each.
 - (g) Number of preop and acceptance tests completed identifying each.
 - (h) Number of preop and acceptance tests currently in progress identifying each and status.
 - (i) Number of systems and/or subsystems turned over to start-up identifying each.
 - (j) Number of systems turned over to operations group identifying each and outstanding open items for each system.
 - (k) Number of retests expected, if any, identifying each and cause for retest.
9. Detailed discussion of potential schedular influence due to changes attributed to NUREG-0737 and other recent licensing requirements.
10. Discussion of schedular impact, if any, regarding potential deficiencies reported in accordance with 10 CFR 50.55(e).
11. Overview of current construction and startup management organization showing interfaces between the two.
12. Detailed review and current status of design, engineering and construction effect including quantities, work-off rates, current status and schedule for completion for:
- (a) ATWS-3A Design Changes
 - (b) Appendix R Design Implementation
 - (c) NSSS Loads Adequacy Evaluation
 - (d) High Energy Line Break (HELB)
 - (e) Moderate Energy Line Breaks (MELB)
 - (f) Control Rod Drive System
 - (g) Primary and Secondary Containment
 - (h) Control Room Panel Modifications (PGCC)
 - (i) Pipe Stress (as-build)
 - (j) N-Stamp Certification Program
 - (k) Updating Drawings and Specifications to as-Build Condition
 - (l) Environmental Qualification of Safety-Related Equipment
 - (m) Seismic Qualification of Safety-Related Equipment
 - (n) Hanger Reconciliation Program
13. Detailed review of room/area turnover schedule and status.
14. Projected requests for relief of incomplete items, systems, or test completions at the time of licensing, identifying each.
15. Review of open punch list items by category (hardware/paperwork) identifying each and work-off rate vs add on rate.

16. Status and schedule for Seismic II/I review. (IEB 79-14)
17. Detailed review and current status of power accession testing procedures and operational procedures.
 - A. Power ascension test procedures including safety-related and nonsafety-related.
 1. Number required
 2. Number not started
 3. Number in preparation and approval process
 4. Number approved
 - B. Operating procedures required for fuel loading; including station administrative, station operational, surveillance (e.g., technical specification), maintenance and emergency procedures.
 1. Number required
 2. Number not started
 3. Number in preparation and approval process
 4. Number approved
18. Detailed review and current status of permanent station and support staffing, training and licensing.
 - a. Staffing for operation, including presently employed, projected and authorized for each group reporting to the Vice President Nuclear
 - b. Staffing of Hope Creek station organization including presently employed or contracted, projected, and authorized for each organizational subgroup.
 - c. Training program; outstanding training courses required prior to fuel load; identifying job titles, numbers of personnel, and projected completion.
 - d. Operator and senior operator licenses presently onsite, contracted, projected, and required for fuel loading.
19. Site tour and observation of construction activities.