



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

MAY 24 1985

Docket No.: 5C-354

MEMORANDUM FOR: Walt Butler, Chief  
Licensing Branch No. 2  
Division of Licensing

FROM: Dave Wagner, Project Manager  
Licensing Branch No. 2  
Division of Licensing

SUBJECT: FORTHCOMING NRC CASELOAD MANAGEMENT TEAM VISIT  
TO HOPE CREEK

DATE & TIME: June 26-27, 1985  
9:00 A.M. - 4:00 P.M.

LOCATION: PSE&G Training Center  
244 Chestnut Street  
Salem, New Jersey

PURPOSE: To assess the status of construction completion at  
Hope Creek (meeting agenda enclosed).

PARTICIPANTS: NRC Staff  
R. Hartfield, W. Butler, D. Wagner, R. Blough, et.al.

PSE&G  
B. Preston, et al.

OTHER  
Meeting between PSE&G and the NRC staff on the first  
day is open for interested members of the public,  
petitioners, intervenors, or other parties to attend  
as observers pursuant to "Open Meeting and Statement  
of NRC Staff Policy," 43 FR 28058, June 28, 1978.

A handwritten signature in black ink, appearing to read "Dave Wagner", is written over the typed name.

Dave Wagner, Project Manager  
Licensing Branch No. 3  
Division of Licensing

Enclosure: Meeting Agenda

cc: See next page

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Hope Creek Generating Station

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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.



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Licensing Branch No. 3  
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Enclosure: Meeting Agenda

cc: See next page

LB#2 *WD* / PM  
Wagner  
05/23/85

05/23/85  
LB#2/DL/BC  
WButler  
05/23/85

## Meeting Notices

### Internal

#### Docket File

NRC PDR  
Local PDR  
PRC System  
NSIC  
LB#2 Reading  
HDenton/DEisenhut  
HThompson/FMiraglia  
TNovak  
BYoungblood  
WButler  
GKnighton  
EAdensam  
JZwolinski  
CGrimes  
GHolahan  
CThomas  
GLainas  
SVarga  
DVassallo  
JMiller  
JStolz  
JKnight, Acting Dir., DE  
WJohnston  
RBosnak, Acting, AD/CSE, DE  
RBernero  
LRubenstein  
WHouston  
DMuller  
TSpeis  
FSchroeder  
Frowsome  
TWRussell, Acting Dir., DHFS  
ACRS-16  
OELD, Attorney Dewey  
JPartlow  
BGrimes  
EJordan  
FIngram, PA  
Receptionist (Only if meeting is held in Bethesda)  
Project Manager Wagner  
E. Hylton  
Region 1

### NRC Participants

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W. Butler  
D. Wagner  
R. Blough, et al.

bcc: Applicant & Service List