

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

JUN 25 1985

Docket No. 50-443/444

MEMORANDUM FOR: George W. Knighton, Chief  
Licensing Branch No. 3  
Division of Licensing

FROM: Victor Nerses, Project Manager  
Licensing Branch No. 3,  
Division of Licensing

SUBJECT: FORTHCOMING NRC CASELOAD FORECAST PANEL VISIT TO SEABROOK 1 AND 2 SITE

DATE & TIME: September 4 and 5, 1985 September 6, 1985  
9:00 am - 4:00 pm 9:00 am - 11:45 am  
(if required)

LOCATION: Education Center  
Seabrook Station  
Seabrook, New Hampshire

PURPOSE: Assess status of construction and completion schedule for Seabrook Station (meeting agenda enclosed).

PARTICIPANTS:	NRC	PSHN
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	R. Hartfield	J. De Vincentis
	T. Cerne	R. Sweeney, et al.
	V. Nerses, et al.	

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cc: See next page

Note: NRC meetings are open to interested members of the public to attend as observers. Members of the public who wish to attend this meeting must contact V. Nerses (301/492-7238) no later than 3:45 pm August 30, 1985. (The NRC generally does not have access authority to allow members of the public to attend the station tour portion of the meeting. This authority resides with PSNH who has responsibility to maintain physical security and proprietary information. Therefore, admission of the public to the Seabrook construction site is at the discretion of PSNH. For further information about access to the site tour, contact the site representative, Mr. Sanchez at 603-474-9521 ext. 2487.)

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## SEABROOK

### Caseload Forecast 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. (Include impact because of the inability to achieve full funding by January 1985 and thereafter.)
2. Detailed review and current status of design and engineering effort (by major discipline), including any potential problems that may arise from necessary rework. (Include impact of SARS changes and status of cable tray bracing and support changes.)
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. (Discuss impact of approval/non-approval of proposal to waive ASME code stamping of Class 2 and 3 NF supports.)
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 of negative float, and provisions for contingencies. The estimated project percent complete as well as the method used as of June 15, 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.
  - (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 preparation 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 test required for fuel load identifying each.
  - (g) Number of preop and acceptance test 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.
  - (k) Number of systems turned over to Operations Group, identifying each system and the outstanding open items for each system.
  - (k) Number of retest expected, if any, identifying each retest and the cause for retest.
9. Detailed discussion of potential schedular influence due to changes attributed to NUREG-0737 and other recent licensing requirements.

10. Discussions 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. (Discuss status of BIP turnover schedule with particular emphasis on potential adverse impact on schedule of I+C and HVAC system turnover delays).
12. Detailed review and current status of design, engineering and construction effort including quantities, work-off rates and completion schedule for:
  - (a) ATWS design changes
  - (b) High energy line break (HELB)
  - (c) Pipe stress (as-built) analysis
  - (d) N-stamp certification program
  - (e) Updating drawings and specifications to as-built conditions
  - (f) Environmental qualification of safety-related equipment
  - (g) Seismic qualification of safety-related equipment
  - (h) Radiation Monitoring System
  - (i) Solid waste handling system
  - (j) HVAC Systems
13. Detailed review of room/area turnover schedule and status. (Discuss impact of lump-sum work in specific buildings -- eg: diesel generator, cooling tower, et. al.)
14. Review of open punch list items by category (hardware/paper work) identifying each and the work-off rates vs add on-rate. (Provide discussion of Project Completion System for major open items and the overall trend for open items on the Incomplete Items List).
15. Discuss status of USNRC Reg. Guide 1.97 qualification and QA Program
16. Detailed review and discussion of work remaining in containment including quantities, installation rates and schedules for completion.
17. Detailed review and current status of power accession testing procedures and operational procedures.
  - a. Power accession test procedures including safety-related and nonsafety-related.
    1. Numbers required
    2. Numbers not started
    3. Numbers in preparation and approval process
    4. Numbers approved

- b. Operating procedures required for fuel loading; including station administrative, station operational, surveillance (e.g. technical specification), maintenance and emergency procedures.
  - 1. Numbers required
  - 2. Numbers not started
  - 3. Numbers in preparation and approval process
  - 4. Numbers approved
- 18. Detailed review and current status of permanent station and support staffing, training and licensing.
  - a. Staffing for Unit 1 operation, including presently employed, projected and authorized for each group reporting to the Vice President, Nuclear Production (Reference FSAR Fig. 13.1-1).
  - b. Staffing of Unit 1 station organization including presently employed contracted, projected, and authorized for each organization subgroup (Reference FSAR Fig. 13.1-5).
  - c. Training program, outstanding training courses required prior to fuel load, identify 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.
- 20. Discussion of the status of the as-engineered/as-constructed verification programs being conducted as part of the ASME Completion Program (eg Bulletin 79-14 stress analyses) and other construction completion programs (eg: beam verification, TP-8, TP-10)

LB#37DL  
GWNighton  
06/45/85

MEETING NOTICE DISTRIBUTION:

Docket No(s): 50-443/444

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