



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

JAN 31 1984

Docket Nos.: 50-440
and 50-441

MEMORANDUM FOR: B. J. Youngblood, Chief, Licensing Branch No. 1, DL

FROM: J. J. Stefano, Project Manager, Licensing Branch No. 1,
DL

SUBJECT: FORTHCOMING CASELOAD FORECAST PANEL VISIT/MEETING WITH THE
CLEVELAND ELECTRIC ILLUMINATING COMPANY (CEI) PERTAINING TO
THE PERRY NUCLEAR POWER PLANT (UNITS 1 AND 2)

DATE & TIME: March 6-8, 1984
8:30 AM - 4:00 PM daily

LOCATION: Perry Plant Site
Perry, Ohio

PURPOSE: NRC staff review of progress in the design, engineering and
construction of Perry, Units 1 and 2 (Agenda of review areas
attached).

PARTICIPANTS: CEI
W. Coleman, et. al.
NRC
W. Lovelace, J. Konklin, P. Pelke, B. J. Youngblood,
J. Stefano

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PDR ADOCK 05000440
A PDR

Notes:

- (1) CEI should be prepared to make a presentation to NRC staff on the areas listed in the agenda, prior to start of the NRC review.
- (2) Interested members of the public, petitioners, intervenors, or other parties are invited to CEI's presentation to the NRC staff beginning at 8:30 AM on March 6, 1984, pursuant to "Open Meeting Statement of NRC Staff Policy", 43 Federal Register 28058, 6/28/78.

Original Signed By:
John J. Stefano

John J. Stefano, Project Manager
Licensing Branch No. 1
Division of Licensing

Attachment:
Agenda for Caseload Forecast Panel Review

CONCURRENCES:

DL:LB#1

JStefano:es

1/30/84

DL:LB#1

BJYoungblood

1/31/84

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PERRY

PERRY NUCLEAR POWER PLANT

CASELOAD FORECAST PANEL SITE VISIT

MEETING AGENDA

MARCH 6-8, 1984

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 January 31, 1984.
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 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 effort including quantities and work off rates for:
- (a) ATWS design changes
 - (b) Appendix - R design implementation
 - (c) NSSS loads adequacy evaluation
 - (d) High energy line break (HELB)
 - (e) Moderate energy line break (MELB)
 - (f) Control room panel modifications (HED's)
 - (g) Pipe Stress (as-built) analysis
 - (h) N-Stamp certification program
 - (i) Updating drawings and specifications to as-built condition

- (j) Environmental qualification of safety-related equipment
 - (k) Seismic qualification of safety-related equipment
 - (l) Piping hanger/support reconciliation program
 - (m) Tech support center
 - (n) Cable tray rack seismic barriers
 - (o) All work remaining in containment including schedule for completion
13. Detailed review of room/area turnover schedule and status.
14. Review of open punch list items by category (hardware/paper work) identifying each, and work off rate vs add on rate.
15. Status and schedule for seismic II/I review
16. Discussion of your actions regarding the issue of pipe cracking experienced at operating plants.
17. Review and status of Power assension test procedures including safety-related and non safety-related.
- (a) Number required
 - (b) Number not started
 - (c) Number in preparation and approval process
 - (d) Number approved
18. Review and status of operating procedures required for fuel loading; including station administrative, station operational, surveillance (e.g. technical specification), maintenance and emergency procedures.
- (a) Numbers required
 - (b) Numbers not started
 - (c) Numbers in preparation and approval process
 - (d) Nummbers approved
19. 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, (Reference FSAR Fig 13.1-2).

- (b) Staffing of Perry (Unit 1) station organization including presently employed or contracted, projected, and authorized for each organizational subgroup (Reference FSAR Fig 13.1-4).
- (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.

20. Site tour and observation of construction activities.

Meeting Notice Distribution

Docket File

NRC PDR
L PDR
PRC System
NSIC
TIC
LB#1 Reading
MRushbrook
Project Manager J. Stefano
HDenton/ECASE
DEisenhut/RPurple
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DCrutchfield
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WRussell
ACRS (16)
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