



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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MURRAY R. EDELMAN
VICE PRESIDENT
NUCLEAR

June 11, 1985
PY-CEI/NRR-0273 L

Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Perry Nuclear Power Plant
Docket Nos. 50-440; 50-441
Unit 1 Progress Update

Dear Mr. Youngblood:

This letter is provided as an update of our progress on Unit 1 of the Perry Nuclear Power Plant. We are nearing completion of construction and testing and are preparing for fuel load. At this point we are 12 weeks negative with respect to the Project Master Plan fuel load date of June 14, 1985. Following is a summary of those activities which have occurred since our last update (December 20, 1984).

Construction

An update of the various bulk construction quantities is provided in Attachment 1. The remaining bulk work is minimal and is not expected to impact our critical path. There are no hardware procurement problems which could prevent timely completion of construction.

Preoperational Testing

All but nine (9) turnovers from Construction to Test have now been completed and preoperational testing is well underway. All diesel generator (Division 1, 2 and 3) related testing is complete with the exception of the Loss of Offsite Power Test. The Reactor Recirculation (B33) integrated test is moving along rapidly now after a setback resulting from a reactor recirculation pump motor failure. Our preoperational test program is progressing as shown in Attachment 2.

Licensing

FSAR verification is nearing completion. The FSAR has been updated through Amendment 19 to include most of the revisions associated with this FSAR verification effort. The remaining revisions will be incorporated into the FSAR in the near future.

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Technical Specifications are in the final Proof and Review stage. Resolution of all NRR, Region III and CEI comments is scheduled to be completed by July 5, 1985. Final draft issuance is scheduled for July 15, 1985.

SER Issue Resolution is nearing completion with only five (5) Outstanding Issues and eleven (11) Confirmatory Issues remaining to be resolved. Our potential License Condition status and schedule for closeout has been discussed with your staff and we anticipate including this summary as Appendix 1B to the FSAR.

The TDI diesel engine reliability program is essentially complete. The Phase I and II (DR/QR) efforts are complete with the exception of the 100 hour run and follow-up inspection. Preoperational testing is also complete with the exception of the Loss of Offsite Power Test. Torsiograph testing is complete and the results satisfactory. These results are being transmitted to NRC for review.

The PNPP Mechanical Equipment Qualification (EQ) files were submitted to NRC on April 3, 1985 and updated on May 22, 1985. We anticipate closure of NRC's EQ concerns with these submittals.

Revision 4 to the Emergency Plan was submitted on February 20, 1985. Safety Evaluation Report Supplement 6 issued in April, 1985, responded to this revision by closing all NRR open items with the exception of the FEMA findings and testing of the prompt alerting and notification (PAN) system. The PAN system test is scheduled for June 12, 1985. All FEMA findings but one (1) have now been satisfactorily resolved. The state and county agencies are working with FEMA to resolve this remaining open item. The FEMA findings will be documented in a future supplement to the SER.

NRC conducted an Emergency Preparedness Appraisal February 25 to March 7, 1985. The appraisal report issued May 1, 1985, identified several open items to which we responded on May 30, 1985. We anticipate that all these items will be closed.

An Appendix R to 10CFR50 fire protection audit was held on-site March 10-22, 1985. The staff concluded that we are making satisfactory progress in the implementation of the fire protection requirements, and identified areas yet to be completed. Revision 4 to the Fire Protection Evaluation Report was submitted on May 23, 1985 and response letters to all the trip report items have been sent. We are in the process of resolving the Region III open items resulting from this audit and intend to have them resolved by fuel load with full implementation prior to exceeding 5% power.

The Instrument Control Systems Branch (ICSB) Audit was held April 23-25, 1985. During this audit, we demonstrated completion of tasks required to resolve several confirmatory issues.

The Detailed Control Room Design Review (DCRDR) Pre-Implementation Audit was conducted April 9-12, 1985. The audit revealed that our Control Room Design Review methodology was acceptable. The majority of the Human Engineering Deficiencies (HED's) will be resolved by fuel load, with any remaining HED's being resolved by the first refueling outage.

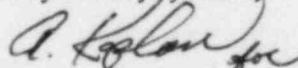
Revision 5 to the PNPP Security Plan was submitted to NRC on May 15, 1985. This revision satisfies NRC's concerns expressed in Safety Evaluation Report Supplement 5. The Primary Access Control Point has been turned over to the Perry Plant Operations Department and will be placed in service in July 1985.

The PNPP Special Nuclear Materials License was issued on March 7, 1985.

The remaining licensing activities required for fuel load have been discussed with our NRC Project Manager, John Stefano, and we are working toward a mutually satisfactory schedule for closure. The commitment tracking system (LAPP) is being utilized to track these licensing commitments.

We intend to issue a Progress Update monthly from now to fuel load. If you have any comments or questions on the above information please inform us as soon as possible. We will also be prepared to discuss the above items in the future with you.

Very truly yours,



Murray R. Edelman
Vice President
Nuclear Group

MRE:njc

Attachments

cc: Jay Silberg, Esq.
John Stefano (2)
J. Grobe

NRC STATUS TRACKING

- % COMPLETE -

THROUGH MAY 1985

| <u>PROGRAM</u> | <u>PERRY #1</u> | <u>PERRY # 2</u> |
|---|-----------------|------------------|
| SITE PREPARATION | 100.0 | 100.0 |
| CONTAINMENT-CONCRETE | 100.0 | 94.8 |
| CONTAINMENT-PRE-STRESS | N/A | N/A |
| CONTAINMENT-STEEL | 99.7 | 95.8 |
| STRUCTURES | 99.0 | 88.8 |
| REACTOR PIPING | 100.0 | 14.2 |
| OTHER PIPING | 99.9 | 19.4 |
| REACTOR PRESSURE VESSEL | 100.0 | 98.8 |
| COMPONENTS | 98.8 | 35.2 |
| ISI/PSI PIPING EXAMINATIONS | 100.0 | 15.0 |
| PIPE SUPPORTS | 99.8 (1) | 15.8 |
| FUEL RACKS | 100.0 | 0.0 |
| ELECTRICAL-COMPONENTS & SYSTEMS | 98.8 (2) | 27.4 |
| ELECTRICAL-CABLE & TERMINATIONS | 99.6 | 0.0 |
| INSTRUMENTS-COMPONENTS & SYSTEMS | 97.7 | 2.8 |
| INSTRUMENTS-CABLE & TERMINATIONS | 99.8 (3) | 11.6 |

(1) INCLUDES SNUBBER AND SPRING CAN INSTALLATION.

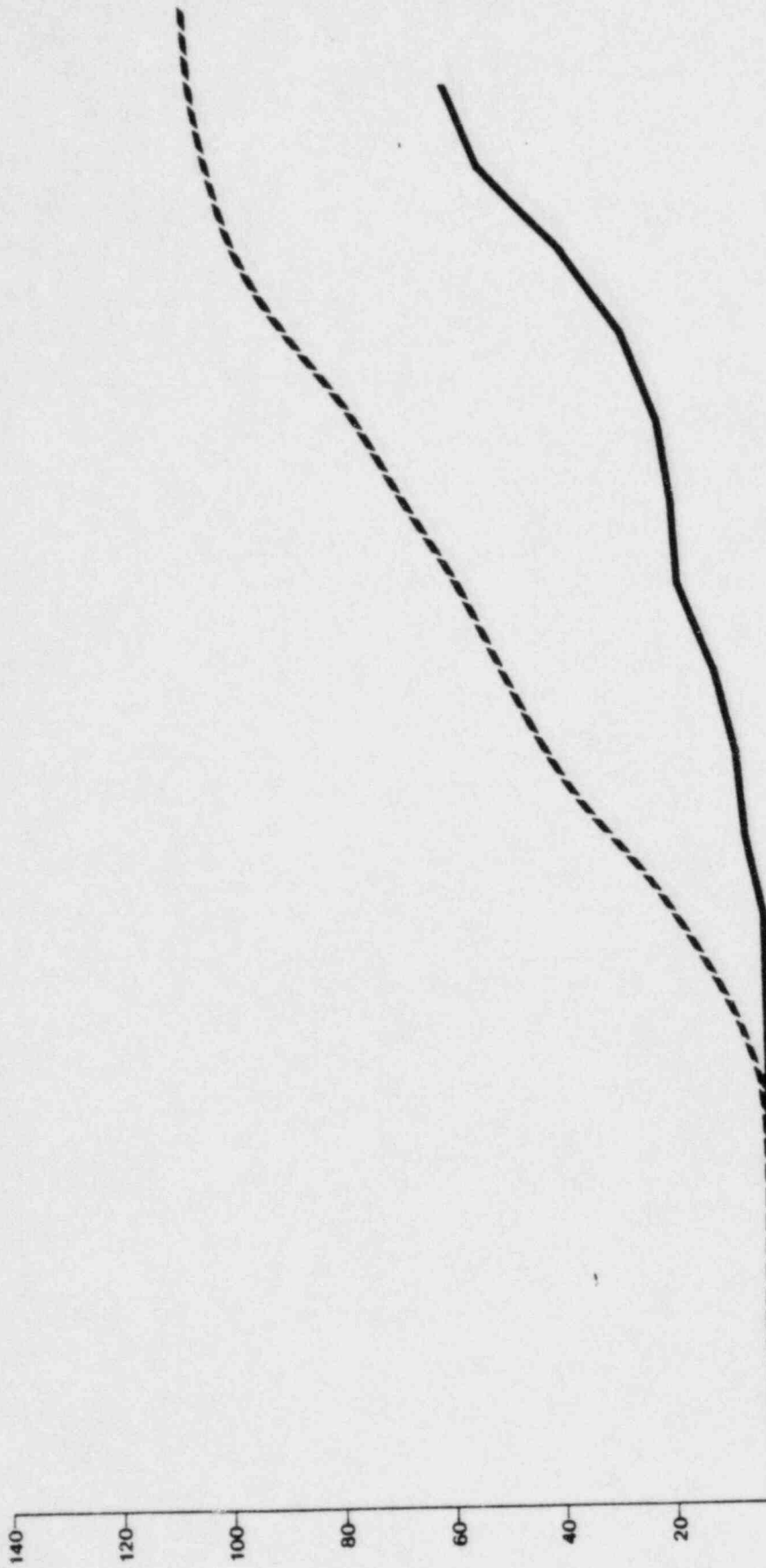
(2) DECREASE FROM LAST PERIOD IS DUE TO ADDITIONAL SCOPE AND MINOR MODIFICATIONS TO BALANCE-OF-PLANT CONDUIT.

(3) CABLE ONLY. REMAINING TERMINATION COUNT UNDER ENGINEERING REVIEW DUE TO RECENT SCOPE ADDITIONS (e.g., computer and security circuits).

UNIT 1 & COMMON

PREOPERATIONAL TESTS

NUCLEAR TEST SECTION



| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN |
|-------------|--------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
| | | 1984 | | | | | | | | | | | | 1985 | | | | | |
| THIS PERIOD | SCHED. | 0 | 1 | 0 | 0 | 0 | 5 | 11 | 12 | 13 | 6 | 8 | 10 | 7 | 12 | 9 | 5 | 4 | 0 |
| | ACTUAL | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 4 | 6 | 1 | 3 | 6 | 11 | 14 | 6 | |
| TODATE | SCHED. | 3 | 4 | 4 | 4 | 4 | 9 | 20 | 32 | 45 | 51 | 59 | 69 | 76 | 88 | 97 | 102 | 106 | 106 |
| | ACTUAL | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 8 | 12 | 18 | 19 | 22 | 28 | 39 | 53 | 59 | |