



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

AUG 26 1985

Docket No.: 50-440

Mr. Murray R. Edelman, Vice President  
Nuclear Operations Group  
The Cleveland Electric Illuminating Company  
P. O. Box 5000  
Cleveland, Ohio 44101

Dear Mr. Edelman:

Subject: NRC Staff Report on Status of the Detailed Control Room  
Design Review for the Perry Nuclear Power Plant, Unit 1 --  
SER Outstanding Issue (7)

Enclosed is the staff's evaluation report relative to the status of the Perry 1 Detailed Control Room Design Review (DCRDR). Included are the staff contractor's technical evaluation report, and the staff's assessment of CEI's conformance with the provisions of TMI Action Plan Item II.K.3.27. We propose to document the enclosed report in the next Perry SER supplement. The enclosed evaluations are predicated on the following chronological correspondence and events:

- (1) CEI's letter dated June 7, 1982 which submitted the control room design human factors plan for Perry;
- (2) The NRC staff's in-progress audit of CEI's DCRDR conducted August 9-13, 1982;
- (3) CEI's letter dated April 15, 1983 responding to NRC Generic Letter 82-33 delineating control room design requirements in Supplement No. 1 to NUREG-0737;
- (4) CEI's letter dated May 4, 1983 responding to the NRC staff's report of November 2, 1982 of the August 9-13, 1982 in progress audit.
- (5) CEI's letter dated June 21, 1983 responding to NRC Generic Letter 83-18 addressing SPDS design requirements;
- (6) CEI's letter dated February 29, 1984 responding to the NRC staff's comments on the DCRDR program plan;

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- (7) The NRC staff's preimplementation audit conducted April 8-12, 1985; and
- (8) CEI's letter dated July 25, 1985 presenting the schedule for completion of the DCRDR and corrective actions relative to Human Engineering Discrepancies (HED's) which remain to be settled.

On the basis of its review of the above correspondence, and the outcome of the audits and meetings listed above, it is the NRC staff's judgment that the Perry 1 DCRDR is far from being completed. (The specific actions required to complete the DCRDR are detailed in the enclosed evaluation report). Although CEI has committed to pre-licensing correction of the large number of HED's which remain to be completed, as iterated in your July 25, 1985 letter, CEI's corrective actions have not progressed in a time frame which the staff believes will permit Perry 1 licensing on a DCRDR basis. It is suggested that CEI consider licensing on a Preliminary Design Assessment (PDA) basis, and provide a schedule for completing DCRDR activities subsequent to Perry 1 licensing.

On August 6, 1985, a notice was issued by the Perry Project Manager announcing another NRC preimplementation audit of CEI's DCRDR progress, to be conducted at the plant site September 10-13, 1985. This audit will concentrate on activities for completing the DCRDR and correcting the HED's related in the enclosed evaluation report, with the objective of: (1) assessing the degree to which the DCRDR has been completed and the HED's corrected; and (2) based on the findings of (1), establishing firm schedules for completing remaining activities and defining the basis which Perry 1 should be licensed, i.e. DCRDR or PDA.

Should there be any questions or clarification relative to this transmittal and the enclosed report, please have your staff direct them to the Perry Project Manager.

Sincerely,

B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

Enclosures: As stated

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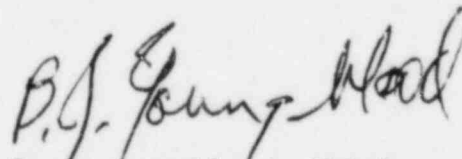
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