



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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October 8, 1985
PY-CEI/NRR-0371 L

MURRAY R. EDELMAN

VICE PRESIDENT
NUCLEAR

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
SER Outstanding Issue (8) & (9)

Dear Mr. Youngblood:

The purpose of this letter is to provide further confirmation regarding our previous submittals on SER Outstanding Issues (8) and (9) concerning Mark III Containment System (Humphrey Issues) and LOCA-related pool dynamic loads.

In our letter dated September 23, 1985 (PY-CEI/NRR-0351L), we summarized our analysis and evaluation of impact loads on short structures close to the pool. With the exception of ten components, suitable design margins had been demonstrated which accommodate the staff's concerns with the modified Maise methodology. The reevaluation of the ten components has been completed and the design is sufficient to accommodate the higher loads (using the radial hydrodynamic mass and versed sine curve).

Regarding the Mark III Containment System (Humphrey) issues, the following updates to our responses to Action Plan Items 29 and 41, should resolve the staff's remaining concerns on these items. In our response to Action Plan 29, provided in a letter dated June 24, 1985 (PY-CEI/NRR-0281L), it was identified, with the exception of small drain lines, no safety piping will be within the drywell flood level. The small drain lines referred to the drain line from the Reactor Recirculation System suction valves which, if flooded, will have no adverse effect. In our response to Action Plan 41, provided in a letter dated January 26, 1983 (PY-CEI/NRR-0007L), we identified a design change had been initiated to revise the logic for the suppression pool makeup system. This design change, which seals in the LOCA signal for upper pool dump, has been completed.

We believe this information is responsive to the staff concerns and should enable SER Outstanding Issues (8) and (9) to be resolved in the next supplement to the SER. If you have any questions please let me know.

Very truly yours,

Murray R. Edelman
Vice President
Nuclear Group

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Boo!
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