



# THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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April 5, 1983

PY-CEI/NRR-0035 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 No. 10  
Containment Purge

Dear Mr. Youngblood:

This letter and its attachment are provided to supplement our previous responses dated December 2, 1982 and March 15, 1983 regarding containment purge. Further discussions with the NRC staff resulted in a refinement of our proposed intermittent containment purge operation.

Attachment 1 details the expected coolant leakages, estimated personnel occupation exposure levels inside containment and a purge scenario that demonstrates that the design radiological objectives can be met with intermittent purge operation. Based on these realistic and design basis parameters, CEI proposes that purge operation be permitted for the Perry Nuclear Power Plant (PNPP) up to a technical specification limit of 3000 hours per year. A re-assessment will be made based on actual Perry operating experience and recommendations for future purge operation will be provided prior to startup following the first regularly scheduled refueling outage.

In addition, surveillance testing of the containment purge isolation valves will be addressed in the Perry plant technical specifications. These are written based on the BWR/6 standard technical specifications.

Details of the PNPP airborne radioactivity data collection program, the containment access management program and the interim guideline criteria for purge operation will be provided no later than six months prior to fuel load.

We believe this information should enable this issue to be resolved in the next supplement to the Perry SER.

Very truly yours,

Murray R. Edelman  
Vice President  
Nuclear Group

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cc: Jay Silberg, Esq.  
John Stefano  
Max Gildner

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