



# THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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**Dalwyn R. Davidson**  
VICE PRESIDENT  
SYSTEM ENGINEERING AND CONSTRUCTION

October 8, 1982

Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Perry Nuclear Power Plant  
Docket Nos. 50-440; 50-441  
PROPRIETARY INFORMATION -  
Safety Relief Valve  
Hydrodynamic Loads

Dear Mr. Schwencer:

This letter documents our meeting of August 13, 1982, and telephone conference call of August 20, 1982, with regard to the safety relief valve (SRV) hydrodynamic loads at the Perry Nuclear Power Plant. In our meeting, we presented the Cleveland Electric Illuminating Company (CEI) position that the Kuosheng SRV test data has confirmed the conservative design of the Mark III containment for SRV loads and that plant-unique tests of SRV discharges are not required for Perry.

As discussed, the similarity criteria outlined in NUREG-0763, "Guidelines for Confirmatory Inplant Tests of Safety-Relief Valve Discharge for BWR Plants", indicates that the Kuosheng data is typical and confirmatory for Perry. Inplant testing to be performed by Mississippi Power and Light Company on the Grand Gulf Nuclear Station will further confirm the conservative containment design.

Attached are copies of the meeting slides and presentation by CEI on August 13, 1982. This presentation provided a detailed plant comparison between Kuosheng, Perry, and Grand Gulf relative to the NUREG-0763 requirements for similarity of the discharge device, discharge line parameters, steam flow rates, quencher/suppression pool configuration and containment structure in the pool region. In addition, responses to the questions identified in our August 20, 1982, conference call by the Containment System Branch (CSB), Structural Engineering Branch (SEB), and Mechanical Engineering Branch (MEB) reviewers are also attached. The analysis requested by the Structural Engineering Branch using Kuosheng test data in the Perry containment model is ongoing, and will be provided by November 5, 1982.

The information contained in the meeting materials and responses on the Kuosheng testing report is proprietary to the Taiwan Power Company (TPC). This information has previously been submitted as proprietary by TPC to the NRC under the technical exchange agreement between TPC and NRC. The same information has been provided by TPC to CEI under proprietary agreement. We therefore request

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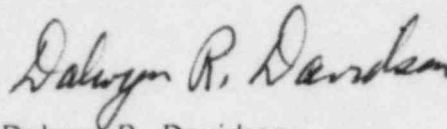
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that this information submittal be handled as proprietary in accordance with 10 CFR 2.790. Copies of all attachments have been provided to the CSB, SEB, and MEB reviewers for their use.

As discussed in our conversations and this submittal, review of the Kuosheng test data supports the conclusion that the data is confirmatory for Perry. Consistent with the CSB assessment, that plant-unique tests are not required, it remains our intent not to perform any additional testing for Perry Nuclear Power plant.

If you have any questions, please let me know.

Very truly yours,



Dalwyn R. Davidson  
Vice President  
System Engineering and Construction

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