



**Commonwealth Edison**  
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July 11, 1980

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

Subject: LaSalle County Station Units 1 and 2  
Containment Design Assessment Report  
Chugging and Condensation Oscillation Loads  
-PROPRIETARY INFORMATION-  
FOR ADDRESSEE'S EYES ONLY

Dear Mr. Youngblood:

Attached for your review are two (2) reports which address the LaSalle County containment load definition. These reports were discussed with Mr. C. Anderson of the NRC Staff at the Mark II Owners Group meeting on June 12, 1980, and should be forwarded to Mr. Anderson for his continuing review. Specifically, the reports address the following topics:

1. "Condensation Oscillation (CO) Load Data for LaSalle"
2. "Chugging Loads for Assessment of 4T CO Data"

These reports incorporate the Mark II Lead Plant approach for assessing the main vent steam condensation loads observed during the most recent Mark II testing at the General Electric 4T test facility. This recent testing is referred to as the 4T Condensation Oscillation (4T CO) test and includes both Condensation Oscillation and Chugging data. In addition to describing the Mark II Lead Plant approach, these reports include the application of this approach to develop specific loads for assessment of LaSalle County Station.

To expediate submittal of these reports, they presently are being submitted only on the LaSalle County Station Docket. After appropriate review, it is anticipated the other Lead Plant Owners will submit similar documents or reference these LaSalle County Station reports.

For LaSalle County Station, currently one (1) original and three (3) signed copies of these reports are submitted, and copies are being sent directly to the NRC Mark II Containment consultants. Within 30 days, these reports will be formally submitted as Design Assessment Report Appendices.

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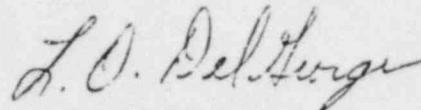
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Portions of these reports are considered proprietary and are supplied with the understanding that they be used only in relation to the NRC review of the Mark II Containment issue and otherwise be kept confidential and as such withheld from public disclosure in accordance with 10 CFR 2.790. The formal submittal of this information on the LaSalle County docket in an amendment to the Design Assessment Report will be supported by the necessary affidavits. This submittal is being made prior to completion of those affidavits in order to facilitate your review.

If there are any questions in this regard, please direct them to this office.

Very truly yours,



L. O. DelGeorge  
Nuclear Licensing Administrator

Attachment

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