



September 5, 1995

U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attn: Document Control Desk

Subject: Dresden Station Units 2 and 3
Quad Cities Station Units 1 and 2
**Design Basis Discrepancy Related to Core
Shroud Seismic Calculations**
NRC Docket Nos. 50-237/249 and 50-254/265

Reference: Teleconference between the U.S.NRC Staff (R.M. Pulsifer, et al) and ComEd
(J.L. Schrage, et al) on August 31, 1995

While preparing a response to an NRC Staff Request for Additional Information (RAI) related to the proposed Dresden Station Core Shroud Repair, Commonwealth Edison (ComEd) identified a discrepancy in the original (i.e. 1968) General Electric design basis calculation for the seismic analysis of reactor internals. This discrepancy was used during preparation of core shroud repair seismic analyses for Dresden and Quad Cities.

ComEd has initiated (through General Electric) detailed seismic modeling to more accurately represent the core shroud repair, given the identified discrepancy. A preliminary assessment of this method, based upon a comparison to similar General Electric analyses, has indicated that with more refined analyses, the overall seismic response can be reduced. This reduction in the seismic response (forces and displacements) is estimated to compensate for any potential increase that will occur due to the correction of the discrepancy.

In the referenced teleconference, ComEd discussed the preliminary assesment of the detailed seismic modeling which was used to support operability of Dresden Station Unit 3, and Quad Cities Station Units 1 and 2. The purpose of this letter is to provide ComEd's preliminary assessment for the discrepancy in the RPV internals seismic analysis at the Dresden and Quad Cities Stations. This information is provided as an Attachment to this letter.

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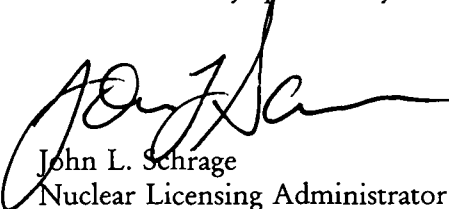
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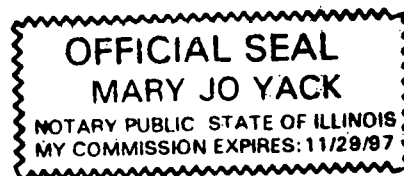
The current schedule for completion of the final seismic evaluations are provided below:

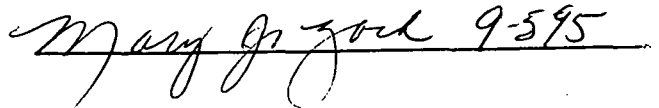
1. Evaluation of the impact on Dresden Unit 3 and Quad Cities Unit 1 will be completed on September 8, 1995.
2. Evaluation of the impact on Quad Cities Unit 2 will be completed in mid-October, 1995, following completion of the Dresden Unit 2 evaluation in late September 1995.

To the best of my knowledge and belief, the statements contained in this response are true and correct. In some respects, these statements are not based on my personal knowledge, but obtained information furnished by other ComEd employees, contractor employees, and consultants. Such information has been reviewed in accordance with company practice, and I believe it to be reliable.

Please direct any questions you may have concerning this response to this office.


John L. Schrage
Nuclear Licensing Administrator




Mary Jo Yack 9-595

Attachment: Assessment of the Discrepancy in the RPV Internals Seismic Analysis, Dresden Unit 3 and Quad Cities Units 1 and 2

cc: H.J. Miller, Regional Administrator - Region III
R.M. Pulsifer, Project Manger - NRR
J.F. Stang, Project Manager - NRR
M.N. Leach, Senior Resident Inspector - Dresden
C.G. Miller, Senior Resident Inspector - Quad Cities
Office of Nuclear Facility Safety - IDNS