



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690 - 0767

August 21, 1987

Mr. Thomas E. Murley, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Dresden Station Units 2 and 3
Quad Cities Station Units 1 and 2
"Proposed Final Safety Analysis
Report (FSAR) Revision for Piping
Analysis and Hanger Design - Response
to NRC Request for Additional Information
(RAI) dated August 13, 1986"
NRC Docket Nos. 50-237/249 and 50-254/265

Reference (a): Letter from J.R. Wojnarowski to H.R. Denton
dated September 30, 1985

(b): Letter from J.A. Zwolinski to D.L. Farrar
dated August 13, 1986

Dear Mr. Murley:

In Reference (a), Commonwealth Edison submitted to the NRC for their review and approval, a proposed revision to the Final Safety Analysis Report (FSAR) for Dresden and Quad Cities Stations for piping analysis and hanger design. In Reference (b), the NRC requested additional information from Commonwealth Edison in response to the above referenced subject.

Attached, please find a response to the NRC request for additional information. The following documents are being submitted for your review at this time:

- (1) Response to NRC questions on September 30, 1985 Dresden/Quad Cities licensing submittal;
- (2) dissertation on Finite-Element Analysis of Seismic Scattering Problems, dated 1977; and

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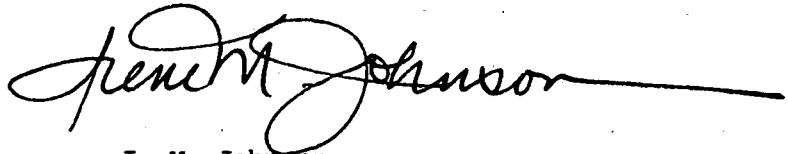
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- (3) dissertation on Dynamic Green's Functions for Layered Media and Applications to Boundary-Value Problems, dated 1979.

We believe these three documents collectively address the concerns raised by your staff in their review. Please direct any questions you may have regarding this transmittal to this office.

Very truly yours,

A handwritten signature in cursive script, appearing to read "I. M. Johnson", with a long horizontal flourish extending to the right.

I. M. Johnson

lm

Attachment

cc: T. Ross - NRR (w/Att.)
M. Grotenhuis - NRR (w/Att.)
NRC Regional III Administrator
Dresden Resident Inspector (w/o Att.)
Quad Cities Resident Inspector (w/o Att.)