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December 28, 1984

Mr. Ray Scholl, Project Manager
Integrated Assessment - SEP Branch
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Integrated Plant Safety Assessment
SEP Topic III-6, Section 4.9.2.(2)
Dresden Unit 2 - IPSAR NUREG-0823

Attachments: 1. Letter: copy of T.J. Rausch (CECo) to D.M. Crutchfield
(NRC) - June 8, 1981
2. Item A - Reactor Pressure Vessel Drawings
3. Item B - Seismic Analysis of Supports
4. Item C - Response Spectrum

Dear Mr. Scholl:

In order to evaluate the ability of the Dresden Unit 2 Reactor Pressure Vessel (RPV) internal support structure to withstand the SEP defined earthquake, Mr. Tom Cheng requested specific RPV information. This information consisted of:

1. Detailed drawings of the RPV internal supports
2. The Seismic Response Spectra at the internal support elevations

In response to this request the following is a list of the information that is available. A copy of each of these items are attached. These drawings expand upon the information submitted and promised in our June 8, 1981 transmittal.

A-Drawings

- (A1) Shroud Support - main supporting structure of RPV internal components; weld details of support structural attachment to vessel.
- (A2) Support Skirt Assembly Details - external support structure of RPV.
- (A3) Vessel - RPV internal supports, guides, and stabilizers - dimensions relative to vessel's "0" datum line.
- (A4) Guide Details - fabrication details of the guides shown on the Vessel Drawing.
- (A5 & A6) RPV Assembly - RPV internal components location relative to vessel's "0" datum line.

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Drawings
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B-Seismic Analysis of Supports

The following reports are extracted from the Dresden Unit 3 Stress Report (Dresden Unit 2 and 3 are identical):

- (B1) Review of transients considered for the RPV Stress Analysis
- (B2) Seismic and Dead Load Stress Calculations
- (B3) Mechanical Motions and Stress Calculations including analysis of the RPV Shroud Support as shown on item (A1) above.
- (B4) Analysis of RPV internal brackets and stabilizers as shown on item (A3) above.

C-Response Spectrum


- (C1) Response Acceleration Spectra at various elevations of the RPV. Extracted from the Blume Seismic Analysis of Dresden 2 and 3 RPV.

I hope these give Mr. Cheng the necessary additional information to review the Dresden RPV.

Sincerely,



David Skolnik

Approved: 
J.E. Hausman

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CC: ~~TRAINING~~
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L/M

SEP

June 8, 1981

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Messrs: D. J. Scott/D. Farrar/J. Brunner
N. Smith
G. P. Wagner
E. R. Zebus
P. P. Steptoe - IL&B

In the judgement of the Nuclear Licensing Administrator, the attached document contains the following commitments to the NRC or requirements from the NRC.

Identification of Attached Document: (Dresden 2 - SEP - Transmittal of information of Topic III-6, Seismic Considerations) (T. J. Rausch letter to D. M. Crutchfield dated June 8, 1981).

NRC Commitment or Requirement:

<u>Due Date</u>	<u>Commitment or Requirement</u>	<u>Responsible Edison Department</u>
----	Transmit GE (VPF) drawings to NRC when received by CECO	N. Smith

When it is determined by the responsible department that a due date will not be met, the Nuclear Licensing Administrator should be notified immediately.

T. J. Rausch 81-111