

Distribution w/enclosure:

Docket File W. Pike
NRC PDR M. Rushbrook
Local PDR OELD
LWR #3 File IE (3)
D. Vassallo H. Smith
O. Parr

Docket Nos. 50-438
and 50-439

NOV 08 1977

bcc: J. Buchanan
T. Abernathy
ACRS (16)

Tennessee Valley Authority
ATTN: Mr. Godwin Williams, Jr.
Manager of Power
830 Power Building
Chattanooga, Tennessee 37401

Gentlemen:

SUBJECT: BELLEFONTE NUCLEAR PLANT UNIT 1 - REACTOR VESSEL SUPPORTS MODEL

Reference: Letter, O. D. Parr to G. Williams, dated April 14, 1977
Letter, J. E. Gilleland to O. D. Parr, dated August 15, 1977

We appreciate the information you supplied on August 15, 1977 for use in the development of our computer model of the Bellefonte Nuclear Plant Unit 1 reactor vessel supports. The model is nearly complete. However, we have found that we need some additional information to finish the model. The Enclosure lists the required additional information.

We request that you provide us with three copies of this information. Please contact us if you have any questions related to this request.

Sincerely,

Original Signed by
O. D. Parr
Olan D. Parr, Chief
Light Water Reactors Branch No. 3
Division of Project Management

Enclosure:
Modelling Information Need
for Bellefonte 1

cc w/enclosure:
See next page

OFFICE	DPM: LWR #3	DPM: LWR #3: BC				
SURNAME	WR: G. J. Z	ODParr				
DATE	11/8/77	11/8/77				

Tennessee Valley Authority

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NOV 08 1977

cc: Herbert S. Sanger, Jr., Esq.
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Mr. T. Spink
Licensing Engineer
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303 Power Building
Chattanooga, Tennessee 37401

ENCLOSURE

REQUEST FOR INFORMATION ON BELLEFONTE I

1. What is the wall thickness and cladding thickness of the 28-, 32-, and 38-inch primary coolant piping?
2. What is the function of the CRDM structure? (Does it need to be modeled with the RPV)? If so, we need drawings and weights.
3. More dimensions are needed on the RPV wall above the primary nozzles to determine RPV stiffnesses. Also primary nozzle dimensions. (Wall thicknesses, cladding, etc.):

TVA drawings which would probably give these details:

- Request 1: 32" I.D. Inlet Pipe Details - 151969E
28" I.D. Inlet Pipe Details - 151968E
38" I.D. Outlet Pipe Details - 151961E (Sheet 1)
38" I.D. Outlet Pipe Details - 151979E (Sheet 2)
- Request 3: Flg and Nozzle Belt Assembly - 160459E (Sheet 2)
Misc. Vessel Details - 160463E