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Docket Nos. 50-438
and 50-439

Tennessee Valley Authority
ATTN: Mr. Godwin Williams, Jr.
Manager of Power
830 Power Building
Chattanooga, Tennessee 37201

Gentlemen:

SUBJECT: HIGH ENERGY LINES LAYOUT RE-REVIEW - BELLEFONTE NUCLEAR PLANT

Reference: Meeting Summary, dated August 2, 1977, on our June 28, 1977 meeting with TVA to discuss the Bellefonte high-energy piping outside containment.

In a meeting held on June 28, 1977 we explained to TVA our position on high-energy lines outside containment. This position was that TVA would have to demonstrate, for the Bellefonte Plant, that all safety related equipment is adequately protected in the event of a high-energy fluid system piping break. At the meeting, TVA agreed to submit an analysis demonstrating Bellefonte's compliance to this position.

We also require that you include sufficient analysis to assure compliance with Regulatory Position C.2 of Regulatory Guide 1.29. This position requires, in effect, that the nonseismic high-energy lines outside containment should not fail in the event of a SSE and thereby reduce the functioning of other safety related equipment. Meeting this position will reduce the probability of a pipe break and preclude the consideration of possible multiple steam line failures as a result of a SSE.

We request that TVA provide this additional analysis in the Bellefonte FSAR.

Original Signed by
Olan Parr

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

cc: See next page

APP 13

OFFICE →	LWR #3	DSS	LWR #3		
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DATE →	12/1/77	12/5/77	12/6/77		

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Tennessee Valley Authority

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