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OCT 3 1973

Docket Nos. 50-438
 and 50-439

Tennessee Valley Authority
 ATTN: Mr. James E. Watson
 Manager of Power
 818 Power Building
 Chattanooga, Tennessee 37401

Gentlemen:

In order that we may continue our review of your application for a license to construct the Bellefonte Nuclear Plant Units 1 and 2, additional information is required. The information requested is described in the enclosure and pertains to Chapter 2 of the Preliminary Safety Analysis Report.

In order to maintain our licensing review schedule, we will need a completely adequate response to all enclosed questions by October 15, 1973. Please inform us within 7 days after receipt of this letter of your confirmation of the schedule date or the date you will be able to meet. If you cannot meet our specified date or if your reply is not fully responsive to our request, it is highly likely that the overall schedule for completing the licensing review for the project will have to be extended. Since reassignment of the staff's efforts will require completion of the new assignment prior to returning to this project, the extension will most likely be greater than the delay in your response.

Please contact us if you have any questions regarding the information requested.

Sincerely,

Original Signed by
 Albert Schwencer
 A. Schwencer, Chief
 Pressurized Water Reactors Branch 4
 Directorate of Licensing

Enclosure
 Request for Additional Information

cc: Mr. R. H. Marquis
 General Counsel
 629 New Sprinkle Building

LB

OFFICE ▶	Knoxville, Tennessee 37902		
SURNAME ▶	x7508/L PWR-4 DDavis, Jr	L:CAPWR-4 ASchwencer	
DATE ▶	10/2/73	10/3/73	

REQUEST FOR ADDITIONAL INFORMATION
TENNESSEE VALLEY AUTHORITY
BELLEFONTE NUCLEAR PLANT, UNITS 1 AND 2
DOCKET NOS. 50-438 AND 50-439

2.0 SITE CHARACTERISTICS

- 2.53 Reconstruct the site geology map (Figure 2.5-3) to reflect actual outcrops relative to the topography, and also indicate the location of control points used.
- 2.54 Provide the seisviewer logs of the most recently drilled bore holes. Update the geologic profiles in the PSAR if significant changes in conditions are encountered.
- 2.55 Provide a more complete and detailed discussion of regional tectonics relative to the historic seismicity. Specifically, provide a detailed discussion of the tectonic and seismicity characteristics of the Southern Appalachian Province. Indicate which tectonic elements reflect local structural control and which are related to regional tectonism.