

NOV 02 1976

Docket Nos. 50-438  
and 50-439

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

Distribution:

Docket File  
NRC PDR  
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Gentlemen:

FUEL SURVEILLANCE PLANS FOR THE BELLEFONTE NUCLEAR PLANT

In letters from Mr. Gilleland dated June 30 and October 5, 1976, TVA stated that a fuel surveillance program will be conducted at the Bellefonte Nuclear Plant Unit 1 if this plant is the first power plant to use the B&W Mark C 17x17 fuel assembly design. Our April 20, 1976 letter to TVA from Mr. Kniel stated surveillance inspections will be conducted at the first two power plants to use a new fuel design of a particular manufacturer. This continues to remain NRC's position on fuel surveillance requirements for new fuel designs. As such, we will require that TVA commit to an NRC approved fuel surveillance program for both Bellefonte units if they are the first two units or either unit that is among the first two units to use the new B&W Mark C 17x17 fuel.

You had requested clarification on how the determination related to which is the first plant will be made. We will require that the entire fuel surveillance program be conducted at the first two units to reach the first refueling shutdown.

You had also asked if verification surveillance performed on a foreign plant is acceptable. We can accept fuel surveillance performed on a foreign plant if the surveillance meets our requirements and the results will be available for both the NRC and B&W to review. The details of any foreign plant surveillance must be provided to us, including all relevant dates, for a determination on acceptability.

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We have reviewed the Enclosure, "Bellefonte Unit 1 Mark C 17x17 Fuel Surveillance Program", to your October 5, 1976 letter and have determined that your surveillance program is acceptable. However, the commitment to do the surveillance program should be changed to include the first two units, to reach the first refueling outage, using the Mark C 17x17 fuel.

Sincerely,

Original Signed by  
O. D. Parr

Olan D. Parr, Chief  
Light Water Reactors Branch No. 3  
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DATE >	10/21/76	10/25/76	10/1/76		