

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO: Mr. Olan D. Parr		FROM: Tennessee Valley Authority Chattanooga, Tennessee J. E. Gilleland		DATE OF DOCUMENT 5/16/77
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DESCRIPTION

(2-P)

PLANT NAME:
Bellefonte Units 1 & 2

RJL

ENCLOSURE

Consists of information concerning comparison of Bellefonte Nuclear Plant and Grand Gulf Diesel Generators.....

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(1/2")

ACKNOWLEDGED

See Rpts.

20 encl.

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PROJECT MANAGER:	PIKE	PROJECT MANAGER:
LIC. ASST. :	RUSHBROOK (LTR)	LIC. ASST. :

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

May 16, 1977

Regulatory Docket File



Director of Nuclear Reactor Regulation
Attention: Mr. Olan D. Parr, Chief
Branch No. 3
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Parr:

In the Matter of the Application of the) Docket Nos. 50-438
Tennessee Valley Authority) 50-439

Delaval, the manufacturer of the diesel generators for the Bellefonte Nuclear Plant, has performed a complete qualification test program for the diesel generator units they supplied for use at the Grand Gulf Nuclear Station. Because of the similarity of the Grand Gulf and Bellefonte diesel generators, TVA intends to reference the Grand Gulf 300 start test as part of the Bellefonte Nuclear Plant qualification program in lieu of performing a 300 start test on a Bellefonte diesel generator unit. This matter was discussed with your staff at an April 14, 1977, meeting.

Enclosure 1 is a comparison of the Grand Gulf and Bellefonte diesel generators showing that they are essentially identical. The only difference is the generator output voltage which results in the Bellefonte diesel generator having a larger system rotational inertia than the Grand Gulf unit. Enclosure 2 provides an evaluation of the effect of this difference on the acceleration of the diesel generator unit to rated speed. Enclosure 3 documents the Grand Gulf 300 start test.

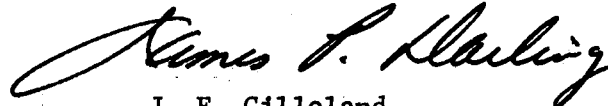
We request that you review the enclosed information and inform us if you disagree with our intent to reference the Grand Gulf 300 start test in lieu of performing a 300 start test for the Bellefonte diesel generator unit.

Mr. Olan D. Parr

May 16, 1977

Since factory testing of the Bellefonte diesel generators is now in progress, we request that you complete your review as soon as possible.

Very truly yours,


for J. E. Gilleland
Assistant Manager of Power

Enclosures (20)