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CONTROL NO: 10181

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FROM: TVA Chattanooga, Tenn 37401 JE Gilleland		DATE OF DOC 9-30-74	DATE REC'D 10-1-74	LTR xx	TWX	RPT	OTHER
TO: Mr Case		ORIG 1 signed	CC	OTHER	SENT AEC PDR <u>XX</u> SENT LOCAL PDR <u>XX</u>		
CLASS	UNCLASS XXXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50- <u>438</u> /439		

DESCRIPTION:
Ltr re our 10-9-73 ltr....furn info concern analysis of ATWS.....

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Bellefonte 1&2

ENCLOSURES:

FOR ACTION/INFORMATION 10-4-74 ehf

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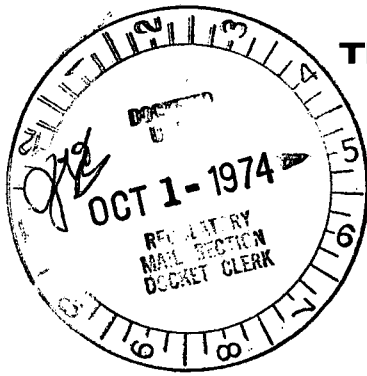
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| ✓ - LOCAL PDR <u>Scottsboro, Al</u> | 1 - TIC (ABERNATHY) (1)(2)(10) | 1 - NATIONAL LABS | 1 - PDR-SAN/LA/NY |
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TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE
37401

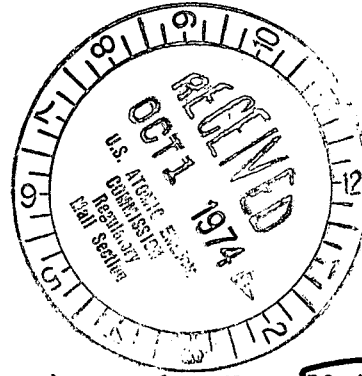
TVA
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September 30, 1974



Regulatory

File Cy.



Mr. Edson G. Case
Acting Director of Licensing
Office of Regulation
U.S. Atomic Energy Commission
Washington, DC 20545

Dear Mr. Case:

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

In our letter dated December 26, 1973, we indicated that our evaluation of Anticipated Transients Without Scram (ATWS) for the proposed Bellefonte Nuclear Plant would be transmitted to you by October 1, 1974. We understand that the AEC Regulatory Staff has been conducting meetings on the subject of ATWS with the NSSS vendors. TVA has not been privileged to participate in these generic meetings. Recently our NSSS vendor for Bellefonte, the Babcock and Wilcox Company, informed us that their ATWS analysis will not be completed until about December 13, 1974. We are not aware of the AEC review status or any further clarification of AEC positions on ATWS nor of how these might be reflected in generic ATWS topical reports. Pending further consideration and clarification of this entire matter, we would like to change our submittal schedule for our evaluation of the ATWS situation for the Bellefonte Nuclear Plant to February 1, 1975.

ATWS has been under study by the AEC Regulatory Staff, the ACRS, NSSS vendors, and utilities for some time. The consensus industry position has been that ATWS, as postulated by the AEC, is not credible. Confirming that ATWS is an extremely low-risk event, the recent AEC-funded "Reactor Safety Study" (WASH-1400) indicates that ATWS is an event of negligible consequences to the public health and safety. The "Interim General Statement of Policy" related to WASH-1400 which was published in the Federal Register on August 27, 1974, indicates that the AEC is not going to relax requirements

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Mr. Edson G. Case

September 30, 1974

based on the conclusions of WASH-1400 while the report is in draft form. TVA believes that it would also be appropriate to defer new licensing requirements for highly unlikely events, such as ATWS, until the report is finalized. Therefore, TVA believes that ATWS should not be a design basis event for any of its nuclear plants.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J. E. Gilleland".

J. E. Gilleland

Assistant to the Manager of Power