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CONTROL NO: 10181

FILE: _____

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 XXXXXX	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.....

ENCLOSURES:

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Bellefonte 1&2

FOR ACTION/INFORMATION

10-4-74 ehf

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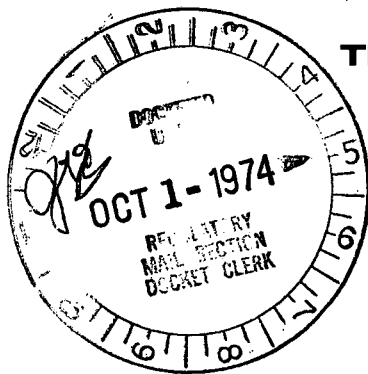
INTERNAL DISTRIBUTION

✓ REG FILE ✓ AEC PDR OGC, ROOM P-506A MUNTZING/STAFF CASE GIAMBUSSO BOYD MOORE (L) (BWR) DEYOUNG (L) (PWR) SKOVHOLT (L) GOLLER (L) P. COLLINS DENISE ✓ REG OPR FILE & REGION (3) MORRIS STEELE	TECH REVIEW ✓ SCHROEDER ✓ MACCARY KNIGHT PAWLICKI SHAO ✓ STELLO HOUSTON ✓ NOVAK (3) ✓ ROSS ✓ PPOLITO ✓ TEDESCO LONG LAINAS BENAROYA VOLIMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	LIC ASST DIGGS (L) GEARIN (L) ✓ GOULBOURNE (L) KREUTZER (E) LEE (L) MAIGRET (L) REED (E) SERVICE (L) SHEPPARD (L) SLATER (E) SMITH (L) TEETS (L) WILLIAMS (E) WILSON (L)	A/T IND BRAITMAN SALTZMAN B. HURT PLANS MCDONALD CHAPMAN DUBE w/input E. COUPE D. THOMPSON (2) KLECKER EISENHUT
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TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE
37401

September 30, 1974

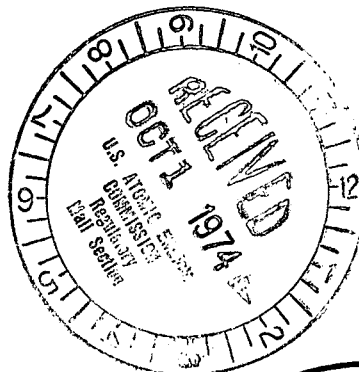
Regulatory

File Cy.

TVA
40TH
ANNIVERSARY
OF PEOPLE IN
PARTNERSHIP



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

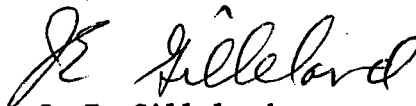
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Mr. Edson G. Case

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 dark ink, appearing to read "J. E. Gilleland". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

J. E. Gilleland

Assistant to the Manager of Power