

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)**

CONTROL NO: 1831

FILE:

|   |                        |                               |                             |                     |  |            |              |
|---|------------------------|-------------------------------|-----------------------------|---------------------|--|------------|--------------|
| <b>FROM:</b><br>Tennessee Valley Authority<br>Chattanooga, Tennessee 37401<br>J. E. Gilleland |                        | <b>DATE OF DOC</b><br>2-25-74 | <b>DATE REC'D</b><br>3-5-74 | <b>LTR</b><br>X     | <b>MEMO</b>                                      | <b>RPT</b> | <b>OTHER</b> |
| <b>TO:</b><br>Mr. O'Leary   |                        | <b>ORIG</b><br>3 signed       | <b>CC</b>                   | <b>OTHER</b>        | <b>SENT AEC PDR</b> X<br><b>SENT LOCAL PDR</b> X |            |              |
| <b>CLASS</b>  | <b>UNCLASS</b><br>XXXX | <b>PROP INFO</b>              | <b>INFUT</b>                | <b>NO CYS REC'D</b> | <b>DOCKET NO:</b><br>50-438/439                  |            |              |

**DESCRIPTION:**  
Ltr notarized 2-25-74.....trans the following:  
  
**PLANT NAME:** Bellefonte, Units 1 & 2

**ENCLOSURES:**  
AMDT # 10 to the PSAR, consisting of Rev & Addl pages & Figs to the PSAR.  
  
( 70 cys rec'd)  
**Do Not Remove**  
**ACKNOWLEDGED**  
*Revised 3-9-74*

FOR ACTION/INFORMATION

3-6-74

AB

- |                        |                              |                            |                       |
|------------------------|------------------------------|----------------------------|-----------------------|
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- |                       |                 |                |                  |                  |
|-----------------------|-----------------|----------------|------------------|------------------|
| ✓ REG FILE (Ltr-439)  | ✓ TECH REVIEW   | ✓ DENTON (Ltr) | ✓ LIC ASST       | A/T IND          |
| ✓ AEC PDR (Ltr-439)   | HENDRIE         | ✓ GRIMES       | DIGGS (L)        | BRAITMAN         |
| OGC, ROOM P-506A      | SCHROEDER       | ✓ GAMMILL      | GEARIN (L)       | SALTZMAN         |
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| ✓ CASE(Ltr)           | ✓ KNIGHT        | BALLARD        | LEE (L)          | <b>PLANS</b>     |
| ✓ GIAMBUSSO(Ltr)      | ✓ PAWLICKI      | SPANGLER       | MAIGRET (L)      | ✓ MCDONALD (Ltr) |
| BOYD                  | ✓ SHAO          | <b>ENVIRO</b>  | SERVICE (L)      | DUBE w/Input     |
| ✓ MOORE (L)(BWR)(Ltr) | ✓ STELLO (Ltr)  | MULLER         | SHEPPARD (E)     | <b>INFO</b>      |
| DEYOUNG(L)(PWR)       | ✓ HOUSTON       | DICKER         | SMITH (L)        | C. MILES         |
| SKOVHOLT (L)          | ✓ NOVAK         | KNIGHTON       | TEETS (L)        | B. KING          |
| P. COLLINS            | ✓ ROSS          | YOUNGBLOOD     | WADE (E)         |                  |
| DENISE                | ✓ IPPOLITO      | ✓ REGAN (Ltr)  | WILLIAMS (E)     |                  |
| REG OPR               | ✓ TEDESCO (Ltr) | ✓ PROJECT LDR  | WILSON (L)       |                  |
| ✓ FILE & REGION (3)   | ✓ LONG          | DITTMAN        | S. REED (L)      |                  |
| MORRIS                | ✓ LAINAS        | HARLESS        |                  |                  |
| STEELE                | ✓ BENAROYA      |                |                  |                  |
|                       | ✓ VOLLMER       |                |                  |                  |

**EXTERNAL DISTRIBUTION**

- |   |  |  |
|---|--|--|
| ✓ 1 - LOCAL PDR <u>Scottsboro, Ala.</u> | ✓ (1) (2) (10) NATIONAL LAB'S ANL        | ✓ 1-PDR-SAN/LA/NY                      |
| ✓ 1 - DTIE(ABERNATHY)                   | ✓ 1-ASLBP(E/W Bldg, Rm 529)              | ✓ 1-GERALD LELLOUCHE                   |
| ✓ 1 - NSIC(BUCHANAN)                    | 1-W. PENNINGTON, Rm E-201 GT             | BROOKHAVEN NAT. LAB                    |
| 1 - ASLB(YORE/SAYRE/<br>WOODARD/"H" ST. | 1-CONSULTANT'S<br>NEWMARK/BLUME/AGBABIAN | 1-AGMED(Ruth Gussman)<br>RM-B-127, GT. |
| ✓ 16 - CYS ACRS HOLDING                 | 1-GERALD ULRICKSON...ORNL                | 1-RD..MULLER..F-309 GT                 |
|   | ✓ 1-P. R. DAVIS                          |  |

Regulatory

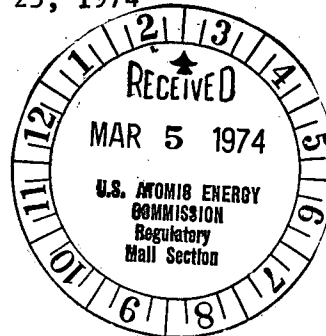
TENNESSEE VALLEY AUTHORITY  
CHATTANOOGA, TENNESSEE  
37401

**TVA**  
**40<sup>TH</sup>**

ANNIVERSARY  
OF PEOPLE IN  
PARTNERSHIP



February 25, 1974



Mr. John F. O'Leary, Director  
Directorate of Licensing  
Office of Regulation  
United States Atomic Energy Commission  
Washington, DC 20545

Dear Mr. O'Leary:

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

Submitted herewith is Amendment 10 to the TVA applications for units 1 and 2 of the Bellefonte Nuclear Plant. The amendment consists of the following:

1. Responses to requests for additional information transmitted to us by A. Schwencer, Chief, Light Water Reactors Branch 2-3, Directorate of Licensing, in his letters dated December 14 and 27, 1973, and January 4, 11, 16, and 25, 1974. These include new and revised pages to be inserted in the PSAR. Also, responses to Regulatory Staff positions and requests for additional information which were developed in the staff's review of Detroit Edison's Greenwood facility and forwarded to TVA in their letter of January 11, 1974, will be included as an appendix to the question section of the PSAR.
2. Miscellaneous revisions to PSAR pages

Instructions for incorporating the new and revised material into the PSAR are included in the amendment.

Very truly yours,

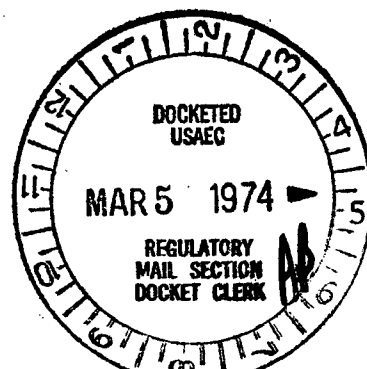
J. E. Gilleland  
Assistant to the Manager of Power

Subscribed and sworn to before me this 25 day of Feb 1974

Arthur B. Pickett  
Notary Public

My Commission Expires 10-3-76

Enclosures



1831

Bellefonte Nuclear Plant  
Amendment No. 10

*Revised*  
*3-9-74*  
*LB*

INSTRUCTION SHEET

The following instructional information and check list is being furnished to help insert Amendment No. 10 into the Bellefonte Nuclear Plant PSAR.

Since in most cases the original PSAR contains information printed on both sides of a sheet of loose leaf paper, a new sheet is furnished to replace sheets containing superseded material. As a result, the front or back of a sheet may contain information that is merely reprinted rather than changed.

Discard the old sheets and insert the new sheets, as listed below. Keep these instruction sheets in the front of Volume I to serve as a record of changes.

REMOVE (FRONT/BACK)

~~1-1/1-ii~~  
~~1.6-1/1.6-2~~  
~~1.6-2a/Blank~~  
~~2-ii/Blank~~  
~~2.4-17/2.4-18~~  
~~2.4-18a/Blank~~  
~~2.4-19/2.4-20~~  
 --  
 --  
~~2.5-24a/2.5-24b~~  
~~3-1/3-ii~~  
~~3.6-1/3.6-2~~  
~~3.6-2a/3.6-2b~~  
~~3.6-2c/3.6-2d~~  
~~3.6-3/Blank~~  
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~~3.7-2/3.7-2a~~  
~~3.7-13/3.7-14~~  
~~3.7-15/3.7-16~~  
~~3.7-16a/Blank~~  
~~3.7-19/3.7-20~~  
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~~3.7-21/3.7-21a~~  
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~~3.8-3/3.8-3a~~  
~~3.8-7/3.8-8~~  
~~3.8-8a/Blank~~  
~~3.8-9/3.8-10~~  
~~3.8-11/3.8-12~~  
~~3.8-13/3.8-14~~  
~~3.8-14a/3.8-14b~~  
~~3.8-14c/3.8-14d~~  
~~3.8-14e/3.8-14f~~  
~~3.8-43/3.8-44~~  
~~3.8-53/3.8-53a~~  
~~3.8-54/3.8-54a~~  
~~3.8-55/3.8-56~~  
~~3.8-56a/Blank~~  
~~3.8-61/3.8-62~~  
~~3.8-63/3.8-64~~  
~~3.8-64a/Blank~~  
~~3.8-65/3.8-65a~~  
~~3.8-71/3.8-72~~  
~~3.8-77/3.8-78~~  
~~3.9-1/3.9-1a~~  
~~3.9-4a/Blank~~  
~~3.9-6a/3.9-6b~~  
~~3.11-8a/Blank~~

INSERT (FRONT/BACK)

~~1-1/1-ii~~  
~~1.6-1/1.6-2~~  
~~1.6-2a/Blank~~  
~~2-ii/Blank~~  
~~2.4-17/2.4-18~~  
~~2.4-18a/2.4-18b~~  
~~2.4-19/2.4-20~~  
~~Fig. 2.4-37a/Blank~~  
~~Fig. 2.4-37b/Blank~~  
~~2.5-24a/2.5-24b~~  
~~3-1/3-ii~~  
~~3.6-1/3.6-2~~  
~~3.6-2a/3.6-2b~~  
~~3.6-2c/3.6-2d~~  
~~3.6-3/Blank~~  
~~Appendix 3.6a/3.6a-ii~~  
~~3.6A-1/3.6a-2~~  
~~3.6A-3/3.6a-4~~  
~~3.6A-5/3.6a-6~~  
~~3.7A-7/Blank~~  
~~3.7-2/3.7-2a~~  
~~3.7-13/3.7-14~~  
~~3.7-15/3.7-16~~  
~~3.7-16a/3.7-16b~~  
~~3.7-19/3.7-19a~~  
~~3.7-20/Blank~~  
~~3.7-21/3.7-21a~~  
~~Fig. 3.7-24/Blank~~  
~~3.8-3/3.8-3a~~  
~~3.8-7/3.8-8~~  
~~3.8-8a/Blank~~  
~~3.8-9/3.8-10~~  
~~3.8-11/3.8-12~~  
~~3.8-13/3.8-14~~  
~~3.8-14a/3.8-14b~~  
~~3.8-14c/3.8-14d~~  
~~3.8-14e/3.8-14f~~  
~~3.8-43/3.8-44~~  
~~3.8-53/3.8-53a~~  
~~3.8-54/3.8-54a~~  
~~3.5-55/3.5-56~~  
~~3.8-56a/Blank~~  
~~3.8-61/3.8-62~~  
~~3.8-63/3.8-64~~  
~~3.8-64a/Blank~~  
~~3.8-65/3.8-65a~~  
~~3.8-71/3.8-72~~  
~~3.8-77/3.8-78~~  
~~3.9-1/3.9-1a~~  
~~3.9-4a/Blank~~  
~~3.9-6a/3.9-6b~~  
~~3.11-8a/Blank~~

REMOVE (FRONT/BACK)

4-i/4-ii  
 4.2-21/4.2-22  
 4.2-23/4.2-24  
 4.2-25/4.2-26  
 4.2-27/4.2-28  
 4.2-29/4.2-30  
 4.2-31/4.2-32  
 4.2-33/4.2-34  
 4.2-35/4.2-36  
 4.2-37/4.2-38  
 4.2-39/4.2-39a

4.2-40/Blank  
 4.2-41/4.2-42  
 4.2-43/4.2-44

Fig. 4.2-5/Blank  
 Fig. 4.2-6/Blank  
 Fig. 4.2-7/Blank

4.4-17/4.4-18  
 5.2-21/5.2-22  
 5.2-37/5.2-38

6-i/6-ii  
 6.2-8a/6.2-8b  
 6.2-11/6.2-12  
 6.2-21/6.2-21a  
 6.2-22/Blank  
 6.2-33/6.2-34  
 6.2-35/6.2-36  
 6.2-36a/Blank  
 6.3-7/6.3-8  
 6.3-9/6.3-10  
 6.3-15/6.3-16  
 6.3-17/6.3-18

7.2-1/7.2-2  
 7.2-3/7.2-4  
 7.2-5/7.2-6  
 7.2-13/7.2-14  
 Fig. 7.2-1/Blank  
 Fig. 7.2-2/Blank

8-i/8-ii  
 8.3-9/8.3-10  
 8.3-11/8.3-12  
 8.3-13/8.3-14  
 8.3-15/8.3-16  
 8.3-16a/8.3-16b

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INSERT (FRONT/BACK)

4-i/4-ii  
 4.2-21/4.2-22  
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 4.2-27/4.2-28  
 4.2-29/4.2-30  
 4.2-31/4.2-32  
 4.2-33/4.2-34  
 4.2-35/4.2-36  
 4.2-37/4.2-38  
 4.2-39/4.2-40

4.2-40a/Blank  
 4.2-41/4.2-42  
 4.2-43/4.2-44

4.2-45/Blank  
 Fig. 4.2-5/Blank  
 Fig. 4.2-6/Blank  
 Fig. 4.2-7/Blank

4.4-17/4.4-18  
 5.2-21/5.2-22  
 5.2-37/5.2-38

6-i/6-ii  
 6.2-8a/6.2-8b  
 6.2-11/6.2-12  
 6.2-21/6.2-21a  
 6.2-22/Blank  
 6.2-33/6.2-34  
 6.2-35/6.2-36  
 6.2-36a/Blank  
 6.3-7/6.3-8  
 6.3-9/6.3-10  
 6.3-15/6.3-16  
 6.3-17/6.3-18  
 6.3-18a/Blank

7.2-1/7.2-2  
 7.2-3/7.2-4  
 7.2-5/7.2-6  
 7.2-13/7.2-14  
 Fig. 7.2-1/Blank  
 Fig. 7.2-2/Blank

8-i/8-ii  
 8.3-9/8.3-10  
 8.3-11/8.3-12  
 8.3-13/8.3-14  
 8.3-15/8.3-16  
 8.3-16a/Blank  
 Appendix 8.3a/Blank

8.3a-1/8.3a-2  
 8.3a-3/8.3a-4  
 8.3a-5/8.3a-6  
 8.3a-7/8.3a-8  
 8.3a-9/8.3a-10



REMOVE (FRONT/BACK)

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INSERT (FRONT/BACK)

- 6.42
- Fig. Q6.42-1
- 6.45
- 6.47
- Fig. Q6.47-1
- 6.79
- Fig. Q6.79-a
- Fig. Q6.79-b
- 6.81
- 6.82
- 6.83
- Fig. Q6.83
- 6.84
- 6.85
- 6.86
- 6.87
- 6.88
- 6.89
- 6.90
- 6.91
- 6.92
- 6.93
- 6.94
- 6.95
- 7.5
- 7.23
- 7.24
- 8.13
- 8.14
- 9.56
- 9.57
- 9.59
- Fig. Q9.59-1
- 10.10
- 15.14
- 17.20
- 17.21
- 17.22
- 17.23

Add Appendix A at the end of Questions and Responses.