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FROM: Tennessee Valley Authority Chattanooga, Tenn. J. E. Gilleland		DATE OF DOC 1-7-74	DATE REC'D 1-21-74	LTR X	MEMO	RPT	OTHER
TO: John F. O'Leary		ORIG 3 signed	CC	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS XXX	UNCLASS	PROP INFO	INPUT	NO CYS REC'D 73	DOCKET NO: 50-438/439		

DESCRIPTION:
Ltr notarized 1-7-74 trans the following...

* Denotes Letter Only

PLANT NAME: BELLEFONTE UNITS 1 & 2

ENCLOSURES:
AMENDMENT #8 to the PSAR consisting of revised and additional pages, tables and figs to the PSAR

Revised 1-23-74

(73 cys rec'd)

FOR ACTION/INFORMATION 1-21-74 GMC

- | | | | |
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BROOKHAVEN NAT. LAB |
| ✓ 16 - CYS ACRS HOLDING | 1-CONSULTANT'S
NEWMARK/BLUME/AGBABIAN | 1-AGMED (Ruth Gussman
RM-B-127, GT. |
| | 1-GERALD ULRIKSON...ORNL | 1-RD..MULLER..F-309 |

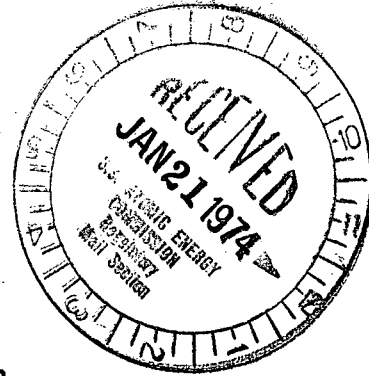
LB

TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE
37401

TVA
40TH
ANNIVERSARY
OF PEOPLE IN
PARTNERSHIP



January 7, 1974



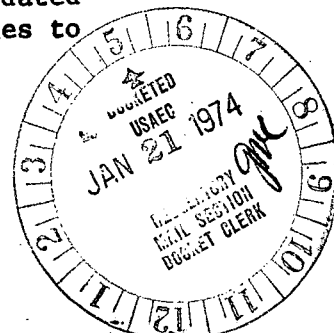
Mr. John F. O'Leary, Director
Directorate of Licensing
Office of Regulation
United States Atomic Energy Commission
Washington, DC 20545

Dear Mr. O'Leary:

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

Submitted herewith is Amendment 8 to the TVA application for units 1 and 2 of the Bellefonte Nuclear Plant. The amendment consists of the following:

1. Change from a 15x15 to a 17x17 array fuel assembly
2. Uprating the rated core power level from 3,413 MW thermal to 3,600 MW thermal
3. The addition of internals vent valves
4. The addition of LPI cross connects
5. The addition of core flood nozzle restrictors
6. Responses to the request for additional information transmitted to us by A. Schwencer, Chief, Light Water Reactors Branch 2-3, Directorate of Licensing, in his letter dated December 7, 1973. These include revised and new pages to be inserted into the PSAR.
7. Revised Section 17.1A of the PSAR
8. Miscellaneous revisions to PSAR pages



597

Mr. John F. O'Leary, Director

January 7, 1974

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 7th day of Jan. 1974

C. Nadine Williams
Notary Public

My Commission Expires 1-5-75

Enclosure

Bellefonte Nuclear Plant
Amendment No. 8

Revised
1-23-74
LB

INSTRUCTION SHEET

The following instructional information and check list is being furnished to help insert Amendment No. 8 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)~~List of Amendments/Blank~~

~~1.1-1/Blank~~
~~1.2-9/1.2-10~~
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~~3.6-1/3.6-2~~
~~3.7-1/3.7-1a~~
~~3.7-3/3.7-3a~~
~~3.7-21/3.7-21a~~
~~3.8-13/3.8-14~~
~~3.8-14c/3.8-14d~~
~~3.8-43/3.8-44~~
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~~Fig. 3.8-36/Blank~~
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~~4-iii/4-iv~~
~~4-v/4-vi~~
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~~3.7-3/3.7-3a~~
~~3.7-21/3.7-21a~~
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~~Fig. 3.9-3/Blank~~
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~~4-iii/4-iv~~
~~4-v/4-vi~~
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~~Fig. 4.3-1 through 4.3-29~~
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~~4.2-40/Blank~~
~~4.2-41/4.2-42~~
~~4.2-43/4.2-44~~
~~Fig. 4.2-1/Blank~~
~~Fig. 4.2-3/Blank~~
~~Fig. 4.2-3a/Blank~~
~~Fig. 4.2-4/Blank~~
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~~4.3-31/4.3-32~~
~~4.3-33/4.3-34~~
~~4.3-35/4.3-36~~
~~Fig. 4.3-1 through 4.3-34~~
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~~4.4-31/4.4-31a~~
~~4.4-32/Blank~~

Remove (Front/Back)~~4.4-33/4.4-34~~~~4.4-35/4.4-36~~~~4.4-37/4.4-38~~~~4.4-39/4.4-40~~~~Fig. 4.4-1 through 4.4-31~~~~5.1-1/5.1-2~~~~5.1-3/5.1-4~~~~5.1-9/5.1-10~~~~5.1-11/5.1-12~~~~5.1-13/5.1-14~~~~5.1-15/5.1-16~~~~5.1-17/5.1-18~~~~Fig. 5.1-1/Blank~~~~Fig. 5.1-2/Blank~~~~5.2-3/5.2-4~~~~5.2-33/5.2-34~~~~5.3-7/Blank~~~~6-1/6-ii~~~~--~~~~6-iii/Blank~~~~Fig. 6.1-1/Blank~~~~6.2-2/Blank~~~~6.2-3/6.2-4~~~~6.2-9/6.2-10~~~~6.2-10a/Blank~~~~6.2-11/6.2-12~~~~6.2-13/6.2-14~~~~6.2-37/6.2-38~~~~6.2-53/6.2-54~~~~6.2-55/6.2-56~~~~6.2-57/6.2-58~~~~--~~~~6.2-59/6.2-59a~~~~--~~~~6.2-67/6.2-68~~~~Fig. 6.2-7/Blank~~~~Fig. 6.2-7a through 6.2-7h~~~~6.3-1/6.3-2~~~~--~~~~6.3-11/6.3-12~~~~--~~~~6.3-13/6.3-14~~~~7.1-3/7.1-4~~~~7.1-5/7.1-6~~~~7.2-7/7.2-8~~~~7.2-19/7.2-20~~~~7.3-3/7.3-4~~~~7.4-3/7.4-4~~~~7.4-11/7.4-12~~~~Fig. 7.4-3/Blank~~~~--~~Insert (Front/Back)~~4.4-33/4.4-34~~~~4.4-35/4.4-36~~~~4.4-37/4.4-38~~~~4.4-39/4.4-40~~~~Fig. 4.4-1 through 4.4-31~~~~5.1-1/5.1-2~~~~5.1-3/5.1-4~~~~5.1-9/5.1-10~~~~5.1-11/5.1-12~~~~5.1-13/5.1-14~~~~5.1-15/5.1-16~~~~5.1-17/5.1-18~~~~Fig. 5.1-1/Blank~~~~Fig. 5.1-2/Blank~~~~5.2-3/5.2-4~~~~5.2-33/5.2-34~~~~5.3-7/Blank~~~~6-i/6-ii~~~~6-ii/Blank~~~~6-iii/6-iv~~~~Fig. 6.1-1/Blank~~~~6.2-2/Blank~~~~6.2-3/6.2-4~~~~6.2-9/6.2-10~~~~6.2-10a/Blank~~~~6.2-11/6.2-12~~~~6.2-13/6.2-14~~~~6.2-37/6.2-38~~~~6.2-53/6.2-54~~~~6.2-55/6.2-56~~~~6.2-57/6.2-58~~~~6.2-58a/6.2-58b~~~~6.2-59/6.2-59a~~~~6.2-59b/6.2-59c~~~~6.2-67/6.2-68~~~~Fig. 6.2-7/Blank~~~~--~~~~6.3-1/6.3-1a~~~~6.3-2/Blank~~~~6.3-11/6.3-12~~~~6.3-12a/Blank~~~~6.3-13/6.3-14~~~~7.1-3/7.1-4~~~~7.1-5/7.1-6~~~~7.2-7/7.2-8~~~~7.2-19/7.2-20~~~~7.3-3/7.3-4~~~~7.4-3/7.4-4~~~~7.4-11/7.4-12~~~~Fig. 7.4-3/Blank~~~~Fig. 7.4-14/Blank~~

Remove (Front/Back)

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~~10-iii/Blank~~
~~12-iii/12-iv~~

Insert (Front/Back)

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~~Fig. 7.6-2/Blank~~
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~~9.5-19/9.5-20~~
~~9.5-21/9.5-22~~
~~10-iii/Blank~~
~~12-iii/12-iv~~

Add additional questions and answers and figures to Volume 7 as follows:

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 Fig. Q8.10-1
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