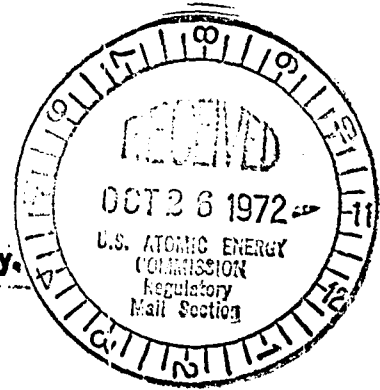


# TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

October 19, 1972



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

Regulatory

File Cy.

Dear Mr. O'Leary:

In the Matter of the Application of ) Docket Nos. 50-390  
Tennessee Valley Authority ) 50-391

Amendment 17 consists of the following items:

1. Results of recent soil investigations of the intake channel and the diesel generator building foundation. The need for completion of investigations was noted in the staff safety evaluation.
2. Results of more recent containment pressure analyses which were discussed with the ACRS in the September 14, 1972, meeting.
3. A revision to the quality assurance program which delineates the items outlined in a letter to John G. Davis, Directorate of Regulatory Operations, from J. E. Watson, dated August 4, 1972.
4. Miscellaneous PSAR page revisions documenting discussions with the regulatory staff before the September 14, 1972, ACRS meeting and miscellaneous PSAR editorial changes.

Very truly yours,

*J. E. Gilleland*

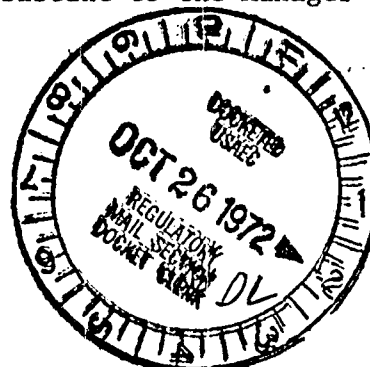
J. E. Gilleland

Assistant to the Manager of Power

Subscribed and sworn to before  
me this 19 day of Oct 1972

*Arthur B. Pickett*  
Notary Public

My Commission Expires 12-3-72



5830

Enclosure

An Equal Opportunity Employer

LB

INSTRUCTIONS FOR AMENDMENT SEVENTEEN PAGE CHANGES

The following instructional information and check list is furnished to help you insert Amendment Number Seventeen into the Watt's Bar 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information printed on both sides of a sheet of loose leaf paper, a new sheet is furnished to replace sheets containing superseded material.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.

Only pages which contain amendment (i.e., added, deleted, or revised) information are identified with the cipher "WBNP-17" at the top of the page. Further, where amended information is new or revised, a vertical bar has been inscribed adjacent to the information in the outside margin of the page.

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.

INSTRUCTIONS FOR REVISION 17 PAGE CHANGES

*Updated*  
 11-2-72  
 50-390  
 391

Discard Old Sheet  
(Front/Back)

☒ List of Amendment i/List of  
 Amendment ii  
☒ 1.1-1/1.1-2  
☒ 2.8-5/2.8-6

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☒ 5.1-13/5.1-14  
☒ 5.2-3/5.2-3A  
☒ 7.2-29/7.2-30  
☒ 7.6-2A/7.6-2B  
☒ 8.1-1/8.1-2  
☒ 8.2-1/8.2-2  
☒ 8.4-1/8.4-2  
☒ Figure 9.2-1 Sheet 1/Blank  
☒ Figure 9.2-1 Sheet 2/Blank  
☒ 9.5-9/9.5-10

☒ List of Tables vii/List of  
 Figures viii  
☒ 14.5-3/14.5-4  
☒ 14.5-5/14.5-6  
☒ 14.5-7/14.5-8  
☒ 14.5-8A/Blank  
☒ 14.5-9/14.5-10  
☒ 14.5-11/14.5-12

☒ A.2-1/A.2-2  
☒ A.2-3/A.2-4

Insert New Sheet  
(Front/Back)

☒ List of Amendment i/List of  
 Amendment ii  
☒ 1.1-1/1.1-2  
☒ 2.8-5/2.8-5A

☒ 2.8-6/Blank

☒ Insert Appendix 2.8-E after  
 Figure 2.8D-4

☒ Insert Appendix 2.8-F after  
 Figure 2.8E-14

☒ 5.1-13/5.1-14

☒ 5.2-3/5.2-3A

☒ 7.2-29/7.2-30

☒ 7.6-2A/7.6-2B

☒ 8.1-1/8.1-2

☒ 8.2-1/8.2-2

☒ 8.4-1/8.4-2

☒ Figure 9.2-1 Sheet 1/Blank

☒ Figure 9.2-1 Sheet 2/Blank

☒ 9.5-9/9.5-10

☒ Figure 9.5-4/Blank

☒ List of Tables vii/List of  
 Figures viii

☒ 14.5-3/14.5-4

☒ 14.5-5/14.5-6

☒ 14.5-7/14.5-8

☒ 14.5-9/14.5-10

☒ 14.5-11/14.5-11(a)

☒ 14.5-11(b)/14.5-11(c)

☒ 14.5-12/Blank

☒ A.2-1/A.2-2

☒ A.2-3/A.2-4

(CONT'D) INSTRUCTIONS FOR REVISION 17 PAGE CHANGES

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(Front/Back)

~~A.2-5/A.2-6~~  
~~A.2-7/A.2-8~~  
~~A.2-9/A.2-10~~  
~~A.2-11/A.2-12~~  
~~A.2-13/A.2-14~~  
~~A.2-15/A.2-16~~  
~~A.2-17/A.2-18~~  
~~A.2-19/A.2-20~~  
~~A.2-21/A.2-22~~  
~~A.2-23/A.2-24~~  
~~A.2-25/A.2-26~~  
~~A.2-27/A.2-28~~  
~~A.2-29/A.2-30~~  
~~A.2-31/A.2-32~~  
~~A.2-33/A.2-34~~  
~~A.2-35/A.2-36~~

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~~Figure A.2-1/Blank~~  
~~Figure A.2-2/Blank~~  
~~Figure A.2-3/Blank~~  
~~Figure A.2-4/Blank~~  
~~Figure A.2-5/Blank~~  
~~Figure A.2-6/Blank~~  
~~Figure A.2-7/Blank~~  
~~Figure A.2-8/Blank~~  
~~Figure A.2-9/Blank~~  
~~Figure A.2-10/Blank~~

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(Front/Back)

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~~A.2-7/A.2-8~~  
~~A.2-9/A.2-10~~  
~~A.2-11/A.2-12~~  
~~A.2-13/A.2-14~~  
~~A.2-15/A.2-16~~  
~~A.2-17/A.2-18~~  
~~A.2-19/A.2-20~~  
~~A.2-21/A.2-22~~  
~~A.2-23/A.2-24~~  
~~A.2-25/A.2-26~~  
~~A.2-27/A.2-28~~  
~~A.2-29/A.2-30~~  
~~A.2-31/A.2-32~~  
~~A.2-33/A.2-34~~  
~~A.2-35/A.2-36~~  
~~A.2-37/A.2-38~~  
~~A.2-39/A.2-40~~  
~~Figure A.2-1/Blank~~  
~~Figure A.2-2/Blank~~  
~~Figure A.2-3/Blank~~  
~~Figure A.2-4/Blank~~  
~~Figure A.2-5/Blank~~  
~~Figure A.2-6/Blank~~  
~~Figure A.2-7/Blank~~  
~~Figure A.2-8/Blank~~  
~~Figure A.2-9/Blank~~  
~~Figure A.2-10/Blank~~  
Figure A.2-11/Blank

(CONT'D INSTRUCTIONS FOR REVISION 17 PAGE CHANGESDiscard Old Sheet  
(Front/Back)

~~/Table B.3-5/Table B.3-6 1 of 7~~  
~~/Table B.3-6 Sheet 2 of 7/Table~~  
~~B.3-6 Sheet 3 of 7~~  
~~/Table B.3-6 Sheet 4 of 7/Table~~  
~~B.3-6 Sheet 5 of 7~~  
~~/Table B.3-6 Sheet 6 of 7/Table~~  
~~B.3-6 Sheet 7 of 7~~  
~~B.5-1/B.5-2~~

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~~/Q2.13-2/Blank~~  
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~~Q2.19-1/Blank~~  
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(Front/Back)

~~/Table B.3-5/Table B.3-6 1 of 7~~  
~~/Table B.3-6 Sheet 2 of 7/Table~~  
~~B.3-6 Sheet 3 of 7~~  
~~/Table B.3-6 Sheet 4 of 7/Table~~  
~~B.3-6 Sheet 5 of 7~~  
~~/Table B.3-6 Sheet 6 of 7/Table~~  
~~B.3-6 Sheet 7 of 7~~  
~~B.5-1/B.5-1A~~  
~~B.5-1B/B.5-2~~  
~~/Insert Appendix G after Table F.4-2~~  
~~/Q2.13-2/Blank~~  
~~/Figure Q2.13-2/Blank~~  
~~Figure Q2.13-3/Blank~~  
~~Q2.19-1/Blank~~  
~~/Q2.19-2/Blank~~  
~~Q2.19-3/Blank~~  
~~Figure Q2.19-1/Blank~~