

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

March 9, 1972

AIR MAIL



Regulatory

File Cy.

Dr. P. A. Morris, Director  
Division of Reactor Licensing  
United States Atomic Energy Commission  
Washington, DC 20545

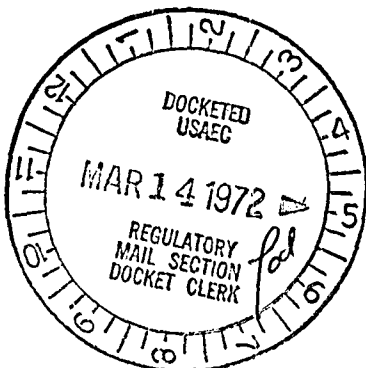
Dear Dr. Morris:

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

Submitted herewith is Amendment 4 to the TVA application for units 1 and 2 of the Watts Bar Nuclear Plant. The amendment consists of the following:

1. The response to question 2.12 and revised responses to questions 6.1 and 9.1 transmitted to us by R. C. DeYoung, Assistant Director for Pressurized Water Reactors, in his letter dated November 23, 1971.
2. A new subsection 11.3, Steam Generator Blowdown Treatment System.
3. Miscellaneous revisions to PSAR pages.

The reply to the one remaining question in the November 23, 1971, letter will be provided as soon as possible.



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LP

Dr. P. A. Morris

March 9, 1972

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*T. Graham Wells, Jr.*

T. Graham Wells, Jr.  
Assistant Manager of Power

Subscribed and sworn to before  
me this 9 day of Mar. 1972

*Astie B. Pickett*  
Notary Public

My Commission Expires 12-3-72

Enclosure

INSTRUCTIONS FOR AMENDMENT FOUR PAGE CHANGES

The following instructional information and check list is furnished to help you insert Amendment Number Four into the Watt's Bar Nuclear 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information printed on both sides of a sheet of loose leaf paper, a new sheet is furnished to replace sheets containing superseded material.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 amended (i.e., added, deleted, or revised) information are identified with the cipher "WBNP-4" 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.

## WATTS BAR NUCLEAR PLANT

Amendment No. 4

## INSTRUCTION SHEET

Remove (Front/Back)

~~4.1-11/4.1-12~~  
~~5.1-19/5.1-20~~  
~~5.1-27/5.1-28~~  
~~5.1-33/5.1-34~~  
~~-- /---~~  
~~5.1-39/5.1-40~~  
~~--- /---~~  
~~--- /---~~  
~~5.1-63/5.1-64~~  
~~5.2-1/5.2-2~~  
~~6-i/6-ii~~  
~~6-iii/6-iv~~  
~~--- /---~~  
~~6.1-7/6.1-8~~  
~~6.2-31/6.2-31a~~  
~~6.3-5/6.3-6~~  
~~6.7-1/6.7-2~~  
~~6.7-3/6.7-4~~  
~~9-1/9-ii~~  
~~Table 9.2-3/Table 9.2-4~~  
~~Table 9.2-8/Continued~~  
~~9.3-5/9.3-5a~~  
~~Figure 9.4-1/Blank~~  
~~10.11-1/10.11-2~~  
~~11-1/11-ii (NOT IN Vol.)~~  
~~11.1-23/11.1-24~~  
~~--- / --~~  
~~--- / --~~  
~~Figure 11.5-1/Blank~~

Insert (Front/Back)

~~4.1-11/4.1-12~~  
~~5.1-19/5.1-20~~  
~~5.1-27/5.1-28~~  
~~5.1-33/5.1-34~~  
~~5.1-34a/Blank~~  
~~5.1-39/Blank~~  
~~Table 5.1.2-3/Blank~~  
~~5.1-40/Blank~~  
~~5.1-63/5.1-64~~  
~~5.2-1/5.2-2~~  
~~6-i/6-ii~~  
~~6-iii/Blank~~  
~~6-iv/Blank~~  
~~6.1-7/6.1-8~~  
~~6.2-31/6.2-31a~~  
~~6.3-5/6.3-6~~  
~~6.7-1/6.7-2~~  
~~6.7-3/6.7-4~~  
~~9-1/9-ii~~  
~~Table 9.2-3/Table 9.2-4~~  
~~--- /---~~  
~~9.3-5/9.3-5a~~  
~~Figure 9.4-1/Blank~~  
~~10.11-1/10.11-2~~  
~~11-1/11-ii~~  
~~11.1-23/11.1-24~~  
~~11.3-1/11.3-2~~  
~~11.3-3/Blank~~  
~~--- /---~~

WATTS BAR NUCLEAR PLANT  
Amendment No. 4  
INSTRUCTION SHEET

Remove (Front/Back)

~~15.3-5/15.3-6~~  
~~Table B.5-1/Table B.5-2~~  
~~Table B.5-3/Table B.5-4~~  
~~Table B.5-5/Table B.5-6~~  
~~D-1/D-2~~  
~~D-3/D-4~~  
~~D-5/D-6~~  
~~D-7/D-8~~  
~~D-13/D-14~~  
~~D-15/D-16~~  
~~D-23/D-24~~  
~~D-27/D-28~~  
~~D-33/D-34~~  
~~D-35/D-36~~  
~~D-41/D-42~~  
~~D-43/D-44~~  
~~D-49/D-50~~  
~~-- / --~~  
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~~-- / --~~  
~~Q5.13-2/Blank~~  
~~Q5.13-3/Blank~~  
~~Q5.14-1/Blank~~  
~~Q6.1-1/Blank~~  
~~Q9.1-1/Blank~~

Insert (Front/Back)

~~15.3-5/15.3-6~~  
~~Table B.5-1/Table B.5-2~~  
~~Table B.5-3/Table B.5-4~~  
~~Table B.5-5/Table B.5-6~~  
~~D-1/D-2~~  
~~D-3/D-4~~  
~~D-5/D-6~~  
~~D-7/D-8~~  
~~D-13/D-14~~  
~~D-15/D-16~~  
~~D-23/D-24~~  
~~D-27/D-28~~  
~~D-33/D-34~~  
~~D-35/D-36~~  
~~D-41/D-42~~  
~~D-43/D-44~~  
~~D-49/D-50~~  
~~Q-1/Q-ii~~  
~~Q-iii/Q-iv~~  
~~Q-v/Q-vi~~  
~~Q-vii/Blank~~  
~~Q2.12-1/Blank~~  
~~Q2.12-2/Blank~~  
~~Q5.13-2/Blank~~  
~~Q5.13-3/Blank~~  
~~Q5.14-1/Blank~~  
~~Q6.1-1/Blank~~  
~~Q9.1-1/Blank~~