



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

October 29, 1990

*see RPT*

Docket No. 50-390

MEMORANDUM FOR: Frederick J. Hebdon, Director  
Project Directorate II-4  
Division of Reactor Projects - I/II, NRR

FROM: Peter S. Tam, Senior Project Manager  
Project Directorate II-4  
Division of Reactor Projects - I/II, NRR

SUBJECT: WATTS BAR UNIT 1 -- ASSESSMENT OF THE REVIEW  
WORK SCOPE OF FSAR AMENDMENTS 54 - 64  
(TACs 77061 and 77325)

Ever since TVA submitted FSAR Amendments 63 and 64 in June and August, respectively, I have been hearing various people expressing concern about their size (3700 change pages for Amendments 54 - 64), and the changes hidden in Amendments 54 - 64 that the staff was "previously unaware and therefore have not reviewed".

To start with, we should be aware that review of licensing issues are **not** driven by amendments. An amendment typically encompasses many licensing issues and usually is submitted after an issues is well under staff review, or even after the review is completed (see below for examples). Licensing issues are handled by docketed and publicly-available letters, and are controlled by NRR-mandated TAC numbers under WISP (Workload Information and Scheduling Program). Hence, an amendment mostly updates the FSAR with information that the staff is already actively processing under TAC numbers.

Watts Bar Amendments 54 - 64 are no exception. After numerous day-to-day discussions with NRR reviewers, numerous phone calls with TVA personnel, my face-to-face conferences with TVA personnel, and my item-by-item assessment of each change described in the matrix that came with Amendment 63, I came up with an assessment of the review work scope in the following sections.

Amendment 54 - 63

3000 change pages spread quite evenly over the entire FSAR. I have marked up the matrix (enclosed) to classify each change. The changes can be summarized as follows:

The "OK" changes -- About 50% of the changes pages. "OK" is a symbol used by me to mean "most probably nothing major". Included in this group are all the editorial changes, corrections, minor

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technical changes, and non-technical changes. My constant survey of reviewers confirms that most of the changes in these amendments can indeed be so classified.

TAC 77195 changes -- About 20% of the change pages. This TAC covers NRR review activities on the upper head injection removal. TVA has been submitting letters on this issue since 1986. Summer Sun of SRXB is the NRR reviewer. The target date committed to by SRXB is 3/31/91. S. Sun told me that he is aware of the large number of change pages. Since TVA has identified this issue as high priority, I shall work with SRXB to ensure timely completion.

TAC 63599 changes -- About 10% of the change pages. This TAC covers NRR review activities on the RTD bypass modification and use of the Eagle-21 system. This issue was initiated by TVA in 1986. Staff review of the instrument design was completed on June 13, 1989. Staff review of reactor system design change is ongoing with a target date of 1/91. By copy of this memorandum, the reviewer (Harry Balukjian) is notified of the large number of change pages. This issue has been identified by TVA as high priority; I shall work with SRXB to ensure timely completion.

TAC 63606 changes -- About 10% of the change pages. The TAC covers NRR review activities on the addition of a fifth diesel generator. This issue was started by TVA in early 1985 and some NRR review was done in 1986. There is apparently no active NRR action on this issue. I shall prepare a work request to Faust Rosa (SELB) for assignment of a new reviewer.

BIT removal changes -- About 2% of the change pages. The review for the reactor system aspect was completed in SSER 3 in January 1985, but the containment temperature/pressure aspect is ongoing. This review is being done as part of TAC 63621, main steam line break inside containment. My memorandum to the reviewer, Chang Li, dated 10/18/90, notifies him of the remaining work on BIT removal.

TAC 63594 changes -- About 2% of the change pages. The TAC covers ongoing NRR work on the corrective action program (CAP) design basis verification (DBVP). DBVP work is ongoing and its completion is closely guided by NRR and Region II management. By copy of this memorandum, the reviewer, D. Norkin is notified of the existence of the change pages.

TAC 74801 changes -- About 1% of the change pages. The TAC number covers NRR work on inservice testing (IST) of pumps and valves. No work is in progress since we are awaiting TVA's submittal on IST. Traditionally, IST information (program and relief requests) are submitted as documents separate from the FSAR.

TAC 63627, 76881 changes -- About 1% of the change pages. The TAC numbers cover NRR work on pre- and inservice inspection (PSI and ISI) of welds. PSI is ongoing, with David Smith as reviewer, and

targeted to be completed by 12/90. We are awaiting submittal on ISI. Traditionally, PSI and ISI information (program and relief requests) are submitted as documents separate from the FSAR.

Other TAC numbers -- About 2% of the change pages. There are about a dozen TAC numbers in this category. Work under these TAC numbers are either completed or ongoing. Included among these is TAC 77845 opened to address containment sump screen anomalies described in Amendment 62, and TAC 77841 opened to address Westinghouse's revised dropped rod methodology.

Cannot be classified -- About 2% of the change pages. They cannot be classified as "OK", nor can the nature of the changes be understood without the expertise of a reviewer. Since review groups are performing their review per guidance contained in a Steve Varga memorandum, dated 9/7/90, they are bound to discover and review these.

#### Amendment 64

This amendment is about 700 pages in size and is mostly (95%) on Chapter 3. All change pages provide information on 6 corrective action programs : cable tray, electric conduit, equipment seismic qualification, hanger and analysis update, HVAC duct, and seismic analysis. The balance is on equipment environmental qualification. The pages covering the 6 CAPs are reviewed by Mechanical Engineering Branch and Structural and Geosciences Branch (T. Cheng, J. Fair, G. Hammer and D. Terao), supported by Brookhaven National Lab. The target date committed to is 12/31/90. The review effort is somewhat larger than originally anticipated since the amendment contains a lot more information on damping values and use of ASME code cases. A site audit is planned for November 5 - 9, 1990. Amendment 64 review is identified by TVA as high priority; I shall work with the reviewers to ensure timely completion.

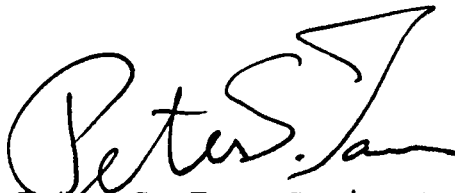
Ever since initiation of review effort in July, review branches have been actively working on Amendments 54 - 64. On average, I handled several phone calls a day from reviewers requesting assistance of various sorts. Several branches have given me their formal review results (SSER input, RAI etc.); other branches have formal transmittals under way.

As a result of W. Russell's request in the management meeting on 10/3/90, TVA have indicated to me that the following items in Amendments 54 thru 64 are of high priority:

- o Upper Head Injection and Upflow Conversion (TAC 77195 above)
- o RTD removal (TAC 63599 above)
- o Rod Withdrawal Reanalysis (TAC 63605)
- o The entire Amendment 64

I shall work with the review branches to ensure timely completion of these reviews, and shall request management assistance should I encountered difficulty in such endeavor.

In summary, despite the sizes of Amendments 54 - 64, all major issues contained in them have been initiated as early as 1985, and are fully covered by NRR TAC numbers. We have firm commitments on all the major issues, and no significant difficulties have been encountered. I shall keep management up to date on all Watts Bar matters, and hope that the information contained in this memorandum be properly assimilated by management before another meeting with TVA. The assessment contained in this memorandum should not be construed as my estimate of NRR effort needed (the review groups should make such estimate), nor should any conclusion regarding technical review results be derived from it.

A handwritten signature in cursive script, reading "Peter S. Tam". The signature is written in dark ink and is positioned above the typed name and title.

Peter S. Tam, Senior Project Manager  
Project Directorate II-4  
Division of Reactor Projects

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OK  $\Rightarrow$  most probably nothing major

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10/11/90

FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.	
** Chapter: 1							
1.2		1. 2- 7	Add	Added description of additional diesel generator to FSAR	N/A	57	63606
1.2		1. 2- 7	Correct	Corrected description of turbine generator condensers per DBVP	0508	63	63594
1.2		1. 2- 7	Edit	Typographical error corrected	N/A	63	OK
1.2		1. 2- 7	Clarify	Clarify description of condensers	0100	63	
1.2		1. 2- 12	Revision	Remove UHI reference due to deletion of system	0481	63	77195
1.2		1. 2- 15	Add	Added description of ADGB $\leftarrow$ 5th DG	N/A	57	63606
1.2	T	1. 3- 1 SH 2	Revision	Remove reference to UHI due to deletion of system	0481	63	77195
1.3.2	T	1. 3- 3 SH 3	Revision	Remove reference to UHI due to deletion of system	0481	63	77195
1.3.2	T	1. 3- 3 SH 4	Correct	Correct FSAR reference section number	0508	63	OK
1.4		1. 4- 1	Clarify	Delete material to remove duplicate reference to subject matter. Material not required in this section.	0522	63	OK
1.4		1. 4- 1	Clarify	Clarified TVA organization responsible for design, construction, and operation of the plant	0100	63	63592
1.5		1. 5- 1	Edit	Typographical error corrected	0508	63	OK
1.5		1. 5- 1	Correct	Correct FSAR section cross-reference	0528	63	OK
1.5		1. 5- 1	Edit	Typographical error corrected	0539	63	OK
1.5		1. 5- 1	Edit	Typographical error corrected	0528	63	OK
1.5		1. 5- 1	Correct	Correct FSAR section cross-reference	0508	63	OK
1.5		1. 5- 2	Edit	Typographical error corrected	0528	63	OK
1.5		1. 5- 2	Edit	Typographical error corrected	0539	63	OK
1.5		1. 5- 3	Edit	Typographical error corrected	0539	63	OK
1.5		1. 5- 3	Edit	Typographical error corrected	0528	63	OK
1.5		1. 5- 3	Edit	Typographical error corrected	0508	63	OK
1.5		1. 5- 3	Edit	Typographical error corrected	N/A	63	OK
1.5		1. 5- 3	Correct	Correct section numbers	0100	63	OK
1.5		1. 5- 4	Edit	Typographical error corrected	0539	63	OK

## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.	
1.5		1. 5- 4	Edit	Typographical error corrected	0528	63	ok
1.5		1. 5- 4	Edit	Typographical error corrected	0508	63	ok
1.6		1. 6- 1	Clarify	Deleted reference to WCAP-7921-AR	N/A	60	ok
1.6		1. 6- 1	Edit	Typographical error	0100	63	ok
1.6		1. 6- 2	Clarify	Deleted Section 7.1 as a reference section for WCAP-8330	N/A	60	ok
1.6		1. 6- 4	Clarify	Deleted Section 7.3 as a reference section for WCAP-7706	N/A	60	ok
1.6		1. 6- 6	Edit	No technical revisions - resubmitted front/back page for editorial purposes - inadvertently omitted from Amendment 60 submittal.	N/A	61	ok
1.7	T	1. 7- 1 SH 1 - 12	Clarify	Revise table to delete columns for revision level and issue date. (Requested revision in package 0499 were superseded by this revision.)	0100	63	
1.7	T	1. 7- 1 SH 11 - 12	Revision	Table revised to reflect changes as a result of UHI removal/upflow conversion	0481	63	77195
** Chapter: 2							
2.1.3	T	2. 1- 1	Update	Updated population information and brings section into compliance with RG 1.70	0534	63	ok
2.1.3	T	2. 1- 1A	Update	Updated population information and brings section into compliance with RG 1.70	0534	63	
2.1.3	T	2. 1- 1B	Update	Updated population information and brings section into compliance with RG 1.70	0534	63	
2.1.3	T	2. 1- 1C	Update	Updated population information and brings section into compliance with RG 1.70	0534	63	
2.1.3	T	2. 1- 1D	Update	Updated population information and brings section into compliance with RG 1.70	0534	63	
2.1.3	T	2. 1- 1E	Update	Updated population information and brings section into compliance with RG 1.70	0534	63	
2.1.3	T	2. 1- 1F	Update	Updated population information and brings section into compliance with RG 1.70	0534	63	
2.1.1		2. 1- 2	Revision	Delete requirement to voice messages by WBN prompt notification system before TWRA and USGS	0509	63	
2.1.1		2. 1- 2	Clarify	Clarified 10 CFR section containing definition of restricted area	0508	63	

## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.1.1		2. 1- 2	Revision	Deleted paragraph concerning movement of people on waterway and within the exclusion area. Added paragraph to indicate voice messages will be broadcast by WBN prompt notification system prior to arrival of TWRA and USGS	N/A	54
2.1.3		2. 1- 3	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3		2. 1- 4	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3	T	2. 1- 4A	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3		2. 1- 5	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3		2. 1- 5	Update	Updated population information and brings section into compliance with RG 1.70.	0104	63
2.1.1	F	2. 1- 5	Update	Update Resort Area and TVA Control Maintenance Facility information.	0510	63
2.1.3	T	2. 1- 5	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3	T	2. 1- 6	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3	F	2. 1- 6 - 19	Correct	Delete figure - population information contained on 2.1 figures, plots not required by RG 1.70	0532	63
2.1.3	T	2. 1- 7	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3	T	2. 1- 8	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3	T	2. 1- 8A	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3	T	2. 1- 11A	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3	T	2. 1- 12	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3	T	2. 1- 13	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3	T	2. 1- 14	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3	T	2. 1- 15	Update	Updated population information and brings section into compliance with RG 1.70	0534	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.1.3	T	2. 1- 15A	Update	Updated population information and brings section into compliance with RG 1.70	0534	63
2.1.3	F	2. 1- 20	Update	Replace figure to update population information and meet RG 1.70 requirements	0534	63
2.1.3	F	2. 1- 21	Update	Replace figure to update population information and meet RG 1.70 requirements	0534	63
2.1.3		2. 2- 1	Update	Updated to reflect most current information for corporation names etc.,	0532	63
2.1.3		2. 2- 1	Update	Adds effect of Tenn. Tombigbee Waterway opening to barge traffic information and update section to provide latest available data	0534	63
2.1.3		2. 2- 1	Update	Adds effect of Tenn. Tombigbee Waterway opening to barge traffic information and update section to provide latest available data	0104	63
2.2.2	F	2. 2- 1	Update	Updated to reflect latest information for airways	0534	63
2.2.2	T	2. 2- 1	Update	Updated table to reflect latest information and to be consistent with text revision	0534	63
2.2.1		2. 2- 2	Update	Updated to reflect latest information for waterways and airports	0534	63
2.2.1		2. 2- 2	Update	Updated to reflect latest information on industrial growth	0532	63
2.2.1		2. 2- 2	Update	Updated to reflect latest information for waterways and airports	0104	63
2.2.2	F	2. 2- 2	Update	Updated to reflect latest information for airways	0534	63
2.2.1	T	2. 2- 2	Update	Added table to reflect latest information and to be consistent with text revision	0532	63
2.3.2	T	2. 3- 1	Correct	Revised to correct acronyms	0547	63
2.3.2		2. 3- 2	Update	Updated tornado information to reflect latest data	0547	63
2.3.2		2. 3- 3	Update	Updated severe weather information to reflect latest data	0547	63
2.3.2		2. 3- 3	Update	Updated severe weather information to reflect latest data	0104	63
2.3.2	T	2. 3- 3	Update	Updated table to reflect latest meteorological data	0547	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.3.2	T	2. 3- 3	Update	Updated table to reflect latest meteorological data	0104	63
2.3.2		2. 3- 4	Update	Added frost depth and corrected other severe weather information	0547	63
2.3.2		2. 3- 4	Update	Added frost depth and corrected other severe weather information	0104	63
2.3.2	F	2. 3- 4	Update	Updated to meet RG 1.70 and to reflect latest onsite meteorological data	0547	63
2.3.2	T	2. 3- 4	Update	Updated table to reflect latest meteorological data	0547	63
2.3.2		2. 3- 5	Update	Updated severe weather information to reflect responses to NRC questions 372.1 & 372.4, added clarification that ADGB tornado parameters also apply to other structures initiated after July 1979 & corrected cross reference to PMP design considerations	0547	63
2.3.2		2. 3- 5	Add	Added design basis tornado parameters for additional Diesel Generator Building	N/A	57
2.3.2		2. 3- 5	Update	Updated severe weather information to reflect responses to NRC questions 372.1 & 372.4, added clarification that ADGB tornado parameters also apply to other structures initiated after July 1979, & corrected cross reference to PMP design consideration	0104	63
2.3.2	F	2. 3- 5	Update	Updated to meet RG 1.70 and to reflect latest onsite meteorological data	0547	63
2.3.2	T	2. 3- 5	Correct	Revised table to reflect correct meteorological data	0547	63
2.3.2	T	2. 3- 5	Correct	Revised table to reflect correct meteorological data	0104	63
2.3.2		2. 3- 6	Update	Updated meteorological information to reflect latest data	0547	63
2.3.2	T	2. 3- 6	Update	Updated table to reflect latest meteorological data	0547	63
2.3.2	F	2. 3- 6A	Update	Updated to meet RG 1.70 and to reflect latest onsite meteorological data	0547	63
2.3.2	F	2. 3- 6B	Update	Updated to meet RG 1.70 and to reflect latest onsite meteorological data	0547	63
2.3.2		2. 3- 7	Update	Updated meteorological information to reflect latest data	0547	63
2.3.2		2. 3- 7	Update	Updated meteorological information to reflect latest data	0104	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.4.3		2. 3- 7	Clarify	Delete reference to Phipps Bend PSAR	0104	63
2.3.3	F	2. 3- 7	Update	Updated to incorporate latest meteorological data	0540	63
2.3.2	T	2. 3- 7	Update	Updated to reflect latest organizational acronyms	0547	63
2.3.2		2. 3- 8	Update	Updated meteorological information to reflect latest data	0547	63
2.3.2		2. 3- 8	Update	Updated meteorological information to reflect latest data	0104	63
2.3.3	F	2. 3- 8	Update	Updated to incorporate latest meteorological data	0540	63
2.3.2	T	2. 3- 8	Update	Updated to reflect latest organizational names	0547	63
2.3.2		2. 3- 9	Update	Updated meteorological information to reflect latest data	0547	63
2.3.2		2. 3- 9	Update	Updated meteorological information to reflect latest data	0104	63
2.3.3	F	2. 3- 9	Update	Updated to incorporate latest meteorological data	0540	63
2.3.2	T	2. 3- 9	Update	Updated to reflect latest organizational names	0547	63
2.3.2		2. 3- 10	Correct	Correct section cross reference	0547	63
2.3.2		2. 3- 10	Edit	Introduces acronym "EDS" for Environmental Data Station	0540	63
2.3.2		2. 3- 10	Update	Update to add discussion of lightning and surge protection circuitry	0104	63
2.3.3	F	2. 3- 10	Update	Updated to incorporate latest meteorological data	0540	63
2.3.2	T	2. 3- 10	Edit	Changed measurement from miles to kilometers	0547	63
2.3.3		2. 3- 11	Update	Updated onsite meteorological measurement program information	0547	63
2.3.2		2. 3- 11	Update	Updated onsite meteorological measurement program information	0104	63
2.3.3	F	2. 3- 11	Update	Updated to incorporate latest meteorological data	0540	63
2.3.2	T	2. 3- 11	Edit	Changed measurement from miles to kilometers	0547	63
2.3.3		2. 3- 12	Update	Updated onsite meteorological measurement program information	0540	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.3.2		2. 3- 12	Update	Updated onsite meteorological measurement program information	0104	63
2.3.3	F	2. 3- 12	Update	Updated to incorporate latest meteorological data	0540	63
2.3.2	T	2. 3- 12	Update	Updated to reflect latest organizational acronyms	0547	63
2.3.3		2. 3- 13	Update	Updated onsite meteorological measurement program information	0547	63
2.3.2		2. 3- 13	Update	Updated onsite meteorological measurement program information	0104	63
2.3.3		2. 3- 13	Update	Revised Data Acquisition System and Data Recording & Display information to latest methodology. (Pkgs 0540 & 0547 superseded part of the 0510 requested changes).	0510	63
2.3.3	F	2. 3- 13	Update	Updated to incorporate latest meteorological data	0540	63
2.3.2	T	2. 3- 13	Update	Updated to reflect latest meteorological data and to conform to RG 1.70	0547	63
2.3.3		2. 3- 14	Update	Updated onsite meteorological measurement program information	0547	63
2.3.2		2. 3- 14	Update	Updated onsite meteorological measurement program information	0104	63
2.3.3		2. 3- 14	Update	Revised Operational Meteorological Program Information.	0510	63
2.3.2	T	2. 3- 14	Update	Updated to reflect latest meteorological data and to conform to RG 1.70	0547	63
2.3.3		2. 3- 15	Update	Updated for onsite meteorological measurement program information and to reflect latest onsite meteorological data	0540	63
2.3.2		2. 3- 15	Update	Updated for onsite meteorological measurement program information and to reflect latest onsite meteorological data	0104	63
2.3.2	T	2. 3- 15	Update	Updated to reflect latest meteorological data and to conform to RG 1.170	0547	63
2.3.2	T	2. 3- 15	Correct	Updated to reflect latest meteorological data and to conform to RG 1.70	0104	63
2.3.4		2. 3- 16	Update	Updated short-term diffusion estimate information to reflect latest data and RG 1.145 method	0547	63
2.3.3		2. 3- 16	Update	Updated to reflect latest onsite meteorological data	0540	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.3.2		2. 3- 16	Update	Updated to reflect latest onsite meteorological data	0104	63
2.3.4	T	2. 3- 16	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 16	Update	Updated to reflect latest meteorological data and to conform to RG 1.70	0104	63
2.3.4		2. 3- 17	Update	Updated short-term diffusion estimate information to reflect latest data and RG 1.145 method	0547	63
2.3.2		2. 3- 17	Update	Updated short-term diffusion estimate information to reflect latest data and R.G. 1.45 method	0104	63
2.3.4	T	2. 3- 17	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4		2. 3- 18	Update	Updated short-term diffusion estimate information to reflect latest data and RG 1.145 method	0547	63
2.3.2		2. 3- 18	Update	Updated short-term diffusion estimate information to reflect latest data and R.G. 1.45 method	0104	63
2.3.4	T	2. 3- 18	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.5		2. 3- 19	Update	Updated long-term diffusion estimate information to reflect latest data and revised approach by presenting data and methodology in referenced Offsite Dose Calculation Manual	0547	63
2.3		2. 3- 19	Update	Updated references	0547	63
2.3		2. 3- 19	Update	Updated references	0104	63
2.3.2		2. 3- 19	Update	Updated short-term diffusion estimate information to reflect latest data and revised approach by presenting data and methodology in referenced Offsite Dose Calculation Manual	0104	63
2.3.4	T	2. 3- 19	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3		2. 3- 20	Update	Updated references	0547	63
2.3		2. 3- 20	Update	Updated references	0104	63
2.3.4	T	2. 3- 20	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.3		2. 3- 21	Update	Updated references	0547	63
2.3		2. 3- 21	Update	Updated references	0104	63
2.3.4	T	2. 3- 21	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3		2. 3- 22	Update	Updated references	0547	63
2.3		2. 3- 22	Update	Updated references	0104	63
2.3.4	T	2. 3- 22	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 23	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 24	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 25	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 26	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 27	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 28	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 29	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 30	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 31	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 32	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 33	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 34	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 35	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 36	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 37	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.3.4	T	2. 3- 38	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 39	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 40	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 41	Edit	Remove reference to FSAR and change feet to meters	0104	63
2.3.4	T	2. 3- 42	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 43	Revision	Table deleted due to data comparison being obsolete as a result of other updated tables	0547	63
2.3.4	T	2. 3- 44	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0547	63
2.3.4	T	2. 3- 45	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 46	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 47	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 48	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 49	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 50	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 51	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 52	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 53	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 54	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 55	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 56	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.3.4	T	2. 3- 57	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 58	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 59	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 60	Update	Updated to reflect latest meteorological data to conform to RG 1.70	0540	63
2.3.4	T	2. 3- 61	Update	Updated to reflect latest meteorological data to conform to RG 1.70 and RG 1.145	0547	63
2.3.4	T	2. 3- 62	Update	Updated to reflect latest meteorological data to conform to RG 1.70 and RG 1.145	0547	63
2.3.4	T	2. 3- 63	Update	Updated to reflect latest meteorological data to conform to RG 1.70 and RG 1.145	0547	63
2.3.4	T	2. 3- 64	Update	Updated to reflect latest meteorological data to conform to RG 1.70 and RG 1.145	0547	63
2.3.4	T	2. 3- 65	Update	Delete to conform to RG 1.70 and 1.145	0547	63
2.3.4	T	2. 3- 66	Update	Updated to reflect latest meteorological data and conform to RG 1.70 and 1.145	0547	63
2.3.4	T	2. 3- 67	Update	Updated to reflect latest meteorological data and conform to RG 1.70 and 1.145	0547	63
2.3.4	T	2. 3- 68	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 69	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 70	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 71	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 72	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 73	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 74 SH 1	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 74 SH 2	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 74 SH 3	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.3.4	T	2. 3- 74 SH 4	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 75 SH 1	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 75 SH 2	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 75 SH 3	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 75 SH 4	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 76 SH 1	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 76 SH 2	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 76 SH 3	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 76 SH 4	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 77 SH 1	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 77 SH 2	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 77 SH 3	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 77 SH 4	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 78 SH 1	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 78 SH 2	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 78 SH 3	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.3.4	T	2. 3- 78 SH 4	Update	Deleted to conform to RG 1.70 and to reflect latest approach	0547	63
2.4.1		2. 4- 1	Update	Update summary of surface water usage description	0557	63
2.4.1		2. 4- 1	Clarify	Delete reference to PSAR information which is superseded by FSAR information	0557	63

ok



FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.4.1		2. 4- 1	Update	Updated summary of surface water usage description	0104	63
2.4.1		2. 4- 2	Add	Added information for access doors and emergency exits due to addition of ADGB	N/A	57
2.4.2	T	2. 4- 4	Update	Replaced old table with new as part of update for water supplier information	0557	63
2.4.2		2. 4- 5	Update	Updated Watts Bar Dam discharge information	0557	63
2.4.2		2. 4- 5	Update	Updated Watts Bar Dam discharge information	0104	63
2.4.2		2. 4- 6	Update	Updated to surface water supply information to reflect latest data	0557	63
2.4.2		2. 4- 6	Update	Updated Watts Bar Dam discharge information	0557	63
2.4.2		2. 4- 9	Edit	Typographical error	0519	63
2.4.7	T	2. 4- 9 SH 1 & 2	Correct	Deleted Table - it is of historical value only and not required by RG 1.70	0557	63
2.4.1	F	2. 4- 10	Edit	Replace figure to supersede incorrect figure now in FSAR	0519	63
2.4.3		2. 4- 11	Clarify	Delete references to PSAR information which is superseded by FSAR information	0557	63
2.4.3		2. 4- 12	Edit	Typographical error	0557	63
2.4.3		2. 4- 13	Edit	Correct FSAR figure reference	0557	63
2.4.3		2. 4- 16	Clarify	Delete reference to Phipps Bend PSAR	0104	63
2.4.3		2. 4- 18	Clarify	Delete references to PSAR - Information superseded in FSAR	0557	63
2.4.3		2. 4- 18	Edit	Typographical error	0557	63
2.4.3		2. 4- 19	Clarify	Revised terminology for WB and Loudon Dam spillway trunion pin safety factors	0557	63
2.4.3		2. 4- 23	Clarify	Deleted outdated reference to information in PSAR	0557	63
2.4.3		2. 4- 23	Clarify	Clarified tailwater curve shown in figure 2.4-55 is for comparison	0104	63
2.4.3		2. 4- 24	Clarify	Deleted outdated reference to information in PSAR	0557	63
2.4.3		2. 4- 25	Edit	Typographical error	0508	63
2.4.3		2. 4- 25	Edit	Typographical error	0104	63
2.4.3		2. 4- 26a	Edit	Typographical error	0557	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.4.3		2. 4- 26a	Edit	Typographical error	0508	63
2.4.3		2. 4- 26a	Edit	Typographical error	0104	63
2.4.3		2. 4- 27	Add	Revised writeup to include Diesel Generator Building	N/A	57
2.4.3		2. 4- 27a	Clarify	Deleted outdated reference to PSAR	0557	63
2.4.3		2. 4- 30	Clarify	Revise paragraph for clarity and to reference other sections of the FSAR	0557	63
2.4.3		2. 4- 31	Edit	Typographical error	0557	63
2.4.3		2. 4- 32	Edit	Correct FSAR section reference	0557	63
2.4.3		2. 4- 33	Revision	Revised to reflect changes due to reevaluation of stability analysis of WB Dam powerhouse and spillway for OBE concurrent with 1/2 PMF	0557	63
2.4.3		2. 4- 33	Revision	Revised to reflect changes due to reevaluation of stability analysis of WB Dam powerhouse and spillway for OBE concurrent with 1/2 PMF	0104	63
2.4.3		2. 4- 35	Edit	Correct FSAR figure reference	0557	63
2.4.3		2. 4- 36	Edit	Typographical error	0557	63
2.4.3		2. 4- 37	Edit	Typographical error	0557	63
2.4.3		2. 4- 38	Revision	Revision to document that revised amplification factors for SSE conditions were not used for reevaluation of Watts Bar Dam	0557	63
2.4.2	F	2. 4- 39	Update	Delete figure as part of update for water supplier information	0557	63
2.4.3		2. 4- 42	Correct	Correct ground acceleration value for Watts Bar Dam	0557	63
2.4.3		2. 4- 43	Edit	Typographical error	0557	63
2.4.3		2. 4- 43	Correct	Correct "summer" to "normal maximum" pool level to be consistent with TVA terminology	0557	63
2.4.3		2. 4- 46	Clarify	Revised TVA organization title	0530	63
2.4.3		2. 4- 49	Clarify	Revise to clarify discussion of radioactive liquid wastes	0557	63
2.4.3		2. 4- 49	Edit	Typographical and syntax errors	0557	63
2.4.9		2. 4- 50	Edit	Typographical errors	0557	63
2.4.9		2. 4- 51	Edit	Typographical errors	0557	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.4.7		2. 4- 53	Revision	Revise paragraph to document change of ownership of water supply	0557	63
2.4.7		2. 4- 54	Correct	Delete discussion of ground water sources beyond 2- mile radius - not required per RG 1.70	0557	63
2.4.7		2. 4- 54	Revision	Revised paragraph to document change of ownership of water supply	0557	63
2.4.7		2. 4- 54	Clarify	Reorganize page for clarity swapped position of paragraphs two and three in 2.4.13.2	0557	63
2.4.9		2. 4- 56	Clarify	Clarifies location of monitoring requirements	0557	63
2.4.9		2. 4- 57	Edit	Typographical error	0508	63
2.4.9		2. 4- 57	Clarify	Revised ground water monitoring description to reference technical specifications	N/A	56
2.4.9		2. 4- 57	Edit	Typographical error	0519	63
2.4.10		2. 4- 57	Clarify	Clarifies monitoring requirements and adds details about non-radioactive chemical releases	0557	63
2.4.10		2. 4- 59	Add	Revised writeup to include ADGB	N/A	57
2.4.10		2. 4- 59	Correct	Correct FSAR section reference	N/A	60
2.4.10		2. 4- 63	Edit	Typographical error	N/A	56
2.4.10		2. 4- 63	Revision	Revise section to delete reference to UHI system and add reference to Section 2.4.14.11 "Special Condition Allowance"	0475	63
2.4.10		2. 4- 64	Revision	Revise section to delete UHI system	0475	63
2.4.10		2. 4- 64	Edit	Typographical error - section number incorrect	0508	63
2.4.10		2. 4- 65	Edit	Typographical errors corrected	0508	63
2.4.10		2. 4- 65	Clarify	Restructured paragraph for clarity	0508	63
2.4.10		2. 4- 66	Clarify	Restructured paragraph for clarity	0508	63
2.4.10		2. 4- 67	Clarify	Revised TVA Organization Title	0104	63
2.4.10		2. 4- 68	Edit	Typographical error	0508	63
2.4.10		2. 4- 68	Clarify	Revised TVA Organization Title	0104	63
2.4.3	F	2. 4- 68	Revision	Revised figure to reflect changes due to reevaluation of stability analysis of Tellico Dam nonoverflow and spillway for OBE concurrent with 1/2 PMF	0557	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.4.10		2. 4- 69	Update	Updated TVA Flood Protection Forecast System Information	0104	63
2.4.10		2. 4- 70	Edit	Typographical error	0508	63
2.4.10		2. 4- 70	Update	Updated TVA Flood Protection Forecast System information	0104	63
2.4.10		2. 4- 72	Clarify	Revised TVA Organization	0104	63
2.4.10		2. 4- 73	Update	Updated communications reliability information	0104	63
2.4.3	F	2. 4- 73	Revision	Revised figure to reflect changes due to reevaluation of stability analysis of Tellico Dam nonoverflow and spillway for OBE concurrent with 1/2 PMF	0557	63
2.4.10		2. 4- 74	Clarify	Revised TVA Organizations	0104	63
2.4.10		2. 4- 75	Clarify	Revised TVA Organizations	0104	63
2.4.10		2. 4- 76	Clarify	Revised "Special Condition Allowance" section to clarify actions and to replace plant superintendent with plant managers	0475	63
2.4		2. 4- 76	Clarify	Deleted reference to Phipps Bend PSAR	0104	63
2.4.10		2. 4- 76	Clarify	Revised TVA Organizations	0104	63
2.4		2. 4- 77	Edit	Typographical error	0557	63
2.4		2. 4- 78	Edit	Editorial corrections and minor additions to references	0557	63
2.4		2. 4- 78	Clarify	Deleted reference 22 due to text revisions which deleted the reference	0557	63
2.5.2		2. 4- 78	Edit	Editorial corrections and minor additions to references	0104	63
2.4		2. 4- 79	Edit	Typographical error	0557	63
2.5.4	F	2. 4- 84	Revision	Delete figure due to reevaluation of WB Dam for revised amplification factors and SSE conditions.	0557	63
2.5.4	F	2. 4- 85	Revision	Delete figure due to reevaluation of WB Dam for revised amplification factors and SSE conditions.	0557	63
2.4	F	2. 4- 98	Add	Added ADGB	N/A	57
2.5.4	T	2. 5- 17A	Update	Added table for dynamic soil properties for DGB - Update to comply with Seismic CAP	0102	63
2.5.4	T	2. 5- 17B	Update	Added table for dynamic soil properties for DGB - Update to comply with Seismic CAP	0102	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.5.4	T	2. 5- 17C	Update	Added table for dynamic soil properties for DGB - Update to comply with Seismic CAP	0102	63
2.5.4	T	2. 5- 17D	Update	Added table for dynamic soil properties for DGB - Update to comply with Seismic CAP	0102	63
2.5.4.3	T	2. 5- 19A	Add	Added table to show burrow area 7 soil properties and conform with text reference to table	N/A	62
2.5.4.3	T	2. 5- 21	Correct	Correct errors, silt and clay, ML values per TVA calculation	0522	63
2.5.4.3	T	2. 5- 21	Edit	Typographical error	0102	63
2.5.1		2. 5- 23	Correct	Correct FSAR section reference	0508	63
2.5.1		2. 5- 35	Clarify	Deleted reference to color photos which are not available	0522	63
2.5.4.3	T	2. 5- 42 SH 1	Correct	Corrected elevations and dry density per TVA calculations	0522	63
2.5.4.3	T	2. 5- 43 SH 2	Correct	Correct consolidation factor per TVA calculation	0522	63
2.5.4.4	T	2. 5- 45A	Correct	Correct to be consistent with TVA soils report	0522	63
2.5.2		2. 5- 51	Update	Updated FSAR to comply with seismic CAP - add reference to top of rock seismic acceleration - delete inaccurate statement concerning overburden consideration for seismic amplification	0102	63
2.5.2		2. 5- 52	Clarify	Clarify reference to NRC question 1 thru 6 in report to NRC - per seismic CAP	0102	63
2.5.2		2. 5- 53	Update	Update to comply with seismic CAP - add reference to "Evaluation Criteria"	0102	63
2.5.4.3	T	2. 5- 56 SH 1	Edit	Typographical error	0519	63
2.5.4.3	T	2. 5- 57 SH 1	Edit	Typographical error	0519	63
2.5.4.3	T	2. 5- 58 SH 14	Edit	Typographical error	0508	63
2.5.4.2		2. 5- 68	Clarify	Added subtitle "Field Investigations and Testing" to subsection	N/A	59
2.5.4.2		2. 5- 68	Edit	Typographical errors	0102	63
2.5.4.2		2. 5- 70	Clarify	Added subtitle "Laboratory Testing" to subsection	N/A	59
2.5.4.2		2. 5- 78	Edit	Typographical error - greek letter phi shown as 'o'	N/A	59

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.5.4.2		2. 5- 79	Edit	Typographical error - greek letter phi shown as 'o'	N/A	59
2.5.4.2		2. 5- 79	Edit	Typographical errors	0102	63
2.5.4.2		2. 5- 80	Edit	Deleted reference to figure 2.5-331 which was deleted by an earlier amendment.	N/A	63
2.5.4.2		2. 5- 80	Edit	Corrected syntax error	N/A	63
2.5.4.3		2. 5- 89	Edit	Typographical error	0519	63
2.5.4.3		2. 5- 93	Edit	Typographical error	0522	63
2.5.4.3		2. 5- 95	Edit	Typographical error	0522	63
2.5.4.3		2. 5- 96	Edit	Typographical error	0522	63
2.5.4.3		2. 5-100	Correct	Deleted discussion of utilities between building designed for minimum 1 inch differential settlement	N/A	59
2.5.4.3		2. 5-101	Edit	Typographical error	0522	63
2.5.4.3		2. 5-102	Correct	Deleted "Recommendations for Design" subsection	N/A	59
2.5.4.3		2. 5-103	Correct	Deleted "Recommendations for Design" subsection	N/A	59
2.5.4.3		2. 5-104	Edit	Typographical error	N/A	60
2.5.4.3		2. 5-104	Correct	Deleted "Recommendations for Design" subsection	N/A	59
2.5.4.3		2. 5-105	Edit	Cross section number	N/A	59
2.5.4.3		2. 5-105	Edit	Correct FSAR section reference	0519	63
2.5.4.3		2. 5-105	Edit	Typographical error	0508	63
2.5.4.3		2. 5-105	Clarify	Clarify settlement criteria for Category I structures	0102	63
2.5.4.3		2. 5-107	Edit	Corrected section number	N/A	59
2.5.4.3		2. 5-108	Correct	Corrected "Exploration" reference section material. Corrected editorial error made in previous amendment.	N/A	63
2.5.4.3		2. 5-108	Edit	Correct FSAR section reference	0519	63
2.5.4		2. 5-111	Update	Update to comply with seismic CAP - add Section 2.5.4.4.2.4 "Data Analysis and Results for Set B and Set B+C"	0102	63
2.5.4		2. 5-111	Update	Update to comply with seismic CAP - add Section 2.5.4.4.2.4 "Data Analysis and Results for Set B and Set B+C"	0102	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.5.4		2. 5-111a	Edit	Page added due to text additions on page 2.5-111	N/A	63
2.5.4.3		2. 5-114	Edit	Typographical error	N/A	59
2.5.4.3		2. 5-116	Revision	Revised text to note addition of figure 2.5-226a.	N/A	59
2.5.4.3		2. 5-116	Edit	Typographical error	N/A	59
2.5.4.3		2. 5-117	Clarify	Clarified control of placement of earthfills	N/A	59
2.5.4.3		2. 5-117	Edit	Typographical error	N/A	59
2.5.4.3		2. 5-118	Edit	Added subsection number to existing text	N/A	59
2.5.4.3		2. 5-120	Edit	Added subsection number to existing text	N/A	59
2.5.4.4		2. 5-121a	Edit	Typographical error	0508	63
2.5.4		2. 5-121a	Correct	Correct FSAR section cross reference - per seismic CAP	0102	63
2.5.4.4		2. 5-121a	Edit	Typographical errors	0102	63
2.5.4.4		2. 5-123	Edit	Corrected reference number	N/A	59
2.5.4.4		2. 5-123	Edit	Typographical errors	0102	63
2.5.4.4		2. 5-126	Edit	Corrected reference number	0519	63
2.5.4.4		2. 5-128	Edit	Typographical error	N/A	59
2.5.4.4		2. 5-128	Edit	Typographical errors	0102	63
2.5.4.4		2. 5-131	Edit	Combined 2 paragraphs into one	N/A	59
2.5.4.4		2. 5-132	Edit	Typographical error	N/A	59
2.5.4.4		2. 5-132	Clarify	Clarified liquefaction issue concurrence by adding TVA in sentence.	0102	63
2.5.4.4		2. 5-133	Edit	Typographical errors	N/A	59
2.5.4.3		2. 5-139	Edit	Corrected subsection number	0508	63
2.5.4.4		2. 5-140	Edit	Revised to indicate that underground barrier was constructed as discussed	N/A	59
2.5.4.4		2. 5-140	Edit	Typographical error	N/A	63
2.5.4.4		2. 5-142	Edit	Typographical error	N/A	59
2.5.4.4		2. 5-146	Edit	Typographical error	N/A	59
2.5.4.4		2. 5-147	Revision	Revised discussion of Section 2.5.5.2.3 to conform to the addition of new figures	N/A	59

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.5.4.4		2. 5-147a	Revision	Revised discussion of Section 2.5.5.2.3 to conform to the addition of new figures	N/A	59
2.5.4.4		2. 5-147a	Clarify	Sentence revised for clarity and due to previous omission of material	0508	63
2.5.4.4		2. 5-147b	Revision	Revised discussion of Section 2.5.5.2.3 to conform to the addition of new figures	N/A	59
2.5.4.4		2. 5-147c	Revision	Revised discussion of Section 2.5.5.2.3 to conform to the addition of new figures	N/A	59
2.5.4.4		2. 5-148	Revision	Revised discussion of Section 2.5.5.2.3 to conform to the addition of new figures	N/A	59
2.5.4.4		2. 5-148	Edit	Corrected FSAR section reference	N/A	60
2.5.4		2. 5-160	Correct	Corrected reference - per seismic CAP	0102	63
2.5.4.3	F	2. 5-190	Correct	Correct boring log identification per TVA soils report	0522	63
2.5.4.3	F	2. 5-195	Edit	Provide editorial corrections "10" shown as "1C" previously	0522	63
2.5.4	F	2. 5-205	Update	Correct figure test case number - per seismic CAP.	0102	63
2.5.4.3	F	2. 5-225	Clarify	Revised drawing to add Note A, add drawing scale and identify companion drawings ADGB added	N/A	59
2.5.4.3	F	2. 5-226	Add	Revised drawing to add ADGB section H2-H2 and a scale for section E2-E2, F2-F2, and for typical ERCW and HPFP piping	N/A	59
2.5.4.3	F	2. 5-226A	Clarify	Removed note for companion drawings	N/A	59
2.5.4	F	2. 5-233A	Update	Add table for dynamic soil properties - update to comply with seismic CAP	0102	63
2.5	F	2. 5-233B	Update	Add table for dynamic soil properties - update to comply with seismic CAP	0102	63
2.5	F	2. 5-233C	Update	Add table for dynamic soil properties - update to comply with seismic CAP	0102	63
2.5	F	2. 5-233D	Update	Add table for dynamic soil properties - update to comply with seismic CAP	0102	63
2.5	F	2. 5-233E	Update	Add table for dynamic soil properties - update to comply with seismic CAP	0102	63
2.5	F	2. 5-233F	Update	Add table for dynamic soil properties - update to comply with seismic CAP	0102	63
2.5	F	2. 5-233G	Update	Add table for dynamic soil properties - update to comply with seismic CAP	0102	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.5	F	2. 5-233H	Update	Add table for dynamic soil properties - update to comply with seismic CAP	0102	63
2.5	F	2. 5-233I	Update	Add table for dynamic soil properties - update to comply with seismic CAP	0102	63
2.5	F	2. 5-233J	Update	Add table for dynamic soil properties - update to comply with seismic CAP	0102	63
2.5	F	2. 5-233K	Update	Add table for dynamic soil properties - update to comply with seismic CAP	0102	63
2.5.4.3	F	2. 5-234	Correct	Correct table to reflect current moisture penetration test report	0522	63
2.5.4	F	2. 5-238	Update	Revise factor of safety for ERCW Intake Channel Static Design Case 2 - per Seismic CAP.	0102	63
2.5.4.3	F	2. 5-268 SH 1	Add	Added to conform to previous text and table revisions. Borrow Area 7 had been inadvertently omitted in earlier amendments	0508	62
2.5.4.3	F	2. 5-308 SH 1	Edit	Correct minor editorial errors in tables per DBVP and correct liquid limit at EL. 690	0508	63
2.5.4.3	F	2. 5-331	Edit	Add page to show figure number intentionally skipped	0508	63
2.5.4.3	F	2. 5-358	Correct	Correct boring location numbers	0522	63
2.5.4.3	F	2. 5-400 SH 1	Edit	Figures 2.5 - 400 thru F2.5 - 402 were revised/added in Amendment 62 to correct an error in the original issuance of these figures. F2.5 - 400 sheet 2 should have been issued as F2.5-401 originally and other figures should have followed sequentially	N/A	62
2.5.4.3	F	2. 5-400 SH 2	Edit	Figures 2.5 - 400 thru F2.5 - 402 were revised/added in Amendment 62 to correct an error in the original issuance of these figures. F2.5 - 400 sheet 2 should have been issued as F2.5-401 originally and other figures should have followed sequentially	N/A	62
2.5.4.3	F	2. 5-401 SH 1	Edit	Figures 2.5 - 400 thru F2.5 - 402 were revised/added in Amendment 62 to correct an error in the original issuance of these figures. F2.5 - 400 sheet 2 should have been issued as F2.5-401 originally and other figures should have followed sequentially	N/A	62
2.5.4.3	F	2. 5-402 SH 1	Edit	Figures 2.5 - 400 thru F2.5 - 402 were revised/added in Amendment 62 to correct an error in the original issuance of these figures. F2.5 - 400 sheet 2 should have been issued as F2.5-401 originally and other figures should have followed sequentially	N/A	62

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.5.4.3	F	2. 5-566	Edit	Revised to include missing soil symbol	0522	63
2.5.4.4	F	2. 5-581	Clarify	Added note 6(c) to address backfilling around the CCW blowdown line	N/A	59
2.5.4.4	F	2. 5-583	Clarify	Added "During Earthquake" and "Soil" material properties: revised underground barrier analysis to show station number breakdown for trenches A&B to agree with section 2.5.5.2.3 revisions	N/A	59
2.5.4.4	F	2. 5-584	Clarify	Revised to show station numbers for underground barrier trenches A&B	N/A	59
2.5.4.4	F	2. 5-594	Add	Added representative cross section along trench A	N/A	59
2.5.4.4	F	2. 5-595	Add	Added representative cross section along trench A	N/A	59
2.5.4.4	F	2. 5-596	Add	Added representative cross section along trench A	N/A	59
2.5.4.4	F	2. 5-597	Add	Added representative cross section along trench A	N/A	59
2.5.4.4	F	2. 5-598	Add	Added summary of in-place density and moisture-quality control tests for fill materials along trench A	N/A	59
2.5.4.4	F	2. 5-599	Add	Added summary of in-place density and moisture-quality control tests for fill materials along trench A	N/A	59
2.5.4.4	F	2. 5-600	Add	Added summary of in-place density and moisture-quality control tests for fill materials along trench A	N/A	59
2.5.4.4	F	2. 5-601	Add	Added summary of in-place density and moisture-quality control tests for fill materials along trench A	N/A	59
2.5.4.4	F	2. 5-602	Add	Added representative cross section along trench B	N/A	59
2.5.4.4	F	2. 5-603	Add	Added representative cross section along trench B	N/A	59
2.5.4.4	F	2. 5-604	Add	Added representative cross section along trench B	N/A	59
2.5.4.4	F	2. 5-605	Add	Added representative cross section along trench B	N/A	59
2.5.4.4	F	2. 5-606	Add	Added to provide summary of in-place density and moisture-quality control tests for fill materials along trench B	N/A	59

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
2.5.4.4	F	2. 5-607	Add	Added to provide summary of in-place density and moisture-quality control tests for fill materials along trench B	N/A	59
2.5.4.4	F	2. 5-608	Revision	Analysis reissued to reflect change due to mistake on sandcore test	0522	63
2.5.4.4	F	2. 5-608	Add	Added to provide summary of in-place density and moisture-quality control tests for fill materials along trench B	N/A	59
2.5.4.4	F	2. 5-609	Revision	Analysis reissued to reflect change due to mistake on sandcore test	0522	63
2.5.4.4	F	2. 5-609	Add	Added summary of in-place density and moisture-quality control tests for fill materials along trench B	N/A	59
2.5.4.4	F	2. 5-610	Add	Added summary of in-place density and moisture-quality control tests for fill materials along trench B	N/A	59
** Chapter: 3						
3.1.2		3. 1- 21	Clarify	Removed "Chapter 16" as tech spec reference	N/A	60
3.1.2		3. 1- 29	Clarify	Deleted reference to Tech Spe section	N/A	60
3.2.1	T	3. 2- 1	Revision	Revised list of Cateogry I structures	N/A	57
3.2.2		3. 2- 2	Clarify	Clarified definitions of TVA Class A and Class D piping	N/A	56
3.2.1	T	3. 2- 2 SH 2	Revision	Revised various criteria for mechanical system components - (Safety classes, code requirements)	N/A	55
3.2.1	T	3. 2- 2 SH 9	Revision	Revised safety classes code requirements & seismic qualification requirements for boron recovery system, tanks, demineralizers filter, and miscellaneous	N/A	56
3.2.1	T	3. 2- 2 SH 11	Clarify	Revised Note 3 to clarify code requirements for purchasing	N/A	56
3.2.1	T	3. 2- 2 SH 12	Revision	Added Note 16 to specify purchase requirements and seismic qualification of gas stripper and boric acid evap. package on sheet 9	N/A	56
3.2.1	T	3. 2- 2a SH 1	Clarify	Clarified the processing and waste holdup equipment was equipment whose failure could result in a site boundary dose of 0.5 rem or more (boron recycle system)	N/A	56
3.2.1	T	3. 2- 2a SH 1	Clarify	Clarified for the boron recycle system, that pumps are boric acid transfer pumps and that filters are boric acid filters	N/A	55

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
3.2.1	T	3. 2- 2a SH 2	Clarify	Clarified for the boron recycle system, clarified specific equipment included with processing and waste holdup equipment and other equipment carrying minimal or no radioactive waste.	N/A	56
3.2.1	T	3. 2- 2a SH 3	Revision	For ERCW system added reference to Note 4 on sheet 11 - revised purchase requirements, QA for screenwash pumps and specifies TVA class for piping and valves	N/A	55
3.3.1		3. 3- 1	Clarify	Clarified that additional diesel generator building would not be designed for tornado loadings	N/A	57
3.3.2		3. 3- 1	Correct	Adds reference to section 2.3.1 ADBG tornado loading (last 2 paragraphs previously on page 3.3.1a)	N/A	57
3.5.1		3. 5- 4a	Revision	Revised section to discuss 5th diesel generator	N/A	57
3.5.1	T	3. 5- 17	Revision	Added table for ADGB and additional Category I structures after 07/79	N/A	57
3.5.1	T	3. 5- 18	Revision	Added table for ADGB and additional Category I structures after 07/79	N/A	57
3.5.1		3. 5- 29	Revision	Revised 3.5.1.4 to add ADGB	N/A	57
3.5.1		3. 5- 29a	Edit	Revised 3.5.1.4 to add ADGB	N/A	57
3.5.1		3. 5- 34	Edit	No revision to page. Provided as a back side page to 3.5-34a	N/A	57
3.5.1		3. 5- 34a	Revision	Added section 3.5.3.1 to discuss ADGB and other Category I structures added after 07/79	N/A	57
3.6.1		3. 6A- 1	Clarify	Classified field-routed and field-located items which are protected	N/A	55
3.6.1		3. 6A- 14	Edit	Corrected cross-reference editorial errors	N/A	60
3.6.1		3. 6A- 15	Edit	Corrected cross-referencing editorial errors	N/A	60
3.6.1		3. 6A- 16	Edit	Corrected cross-reference editorial errors	N/A	60
3.6.1		3. 6A- 16	Edit	Typographical error	N/A	61
3.6.1		3. 6A- 17	Edit	Corrected cross-referencing editorial errors	N/A	60
3.7.2		3. 7- 12a	N/A	Typographical error - Proposed revision not made due to text being replaced per package 558 revision in A-63/64	0508	55
3.7.2		3. 7- 16	Revision	Adds to description to reflect use of Code Case N-397	N/A	55

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
3.7.3		3. 7- 19	Clarify	Removed incorrect reference to a figure which was previously removed	N/A	60
3.7.1	T	3. 7- 24	Revision	Revised fluid system damping ratios & reflected use of Code Case N-411	N/A	55
3.7.3		3. 7- 27	Revision	Deleted description of section "Seismic Analysis of Piping Systems That Span Two or More Floors"	N/A	55
3.7.3		3. 7- 28	Edit	Removed reference to section which had been previously deleted from FSAR	N/A	60
3.7.3		3. 7- 41	Clarify	Clarified method of operation of seismic instrumentation	N/A	55
3.7.3		3. 7- 42	Clarify	Clarified method of operation of seismic instrumentation	N/A	55
3.7.3		3. 7- 43	Clarify	Clarified method of operation of seismic instrumentation	N/A	55
3.7.3		3. 7- 44	Clarify	Clarified location of seismic instrumentation	N/A	55
3.7.3		3. 7- 45	Clarify	Clarified operation of seismic instrumentation	N/A	55
3.7.4		3. 7- 47	Clarify	Added reference to NRC Reg Guides	N/A	57
3.8.3	T	3. 8. 3- 4	Revision	Table deleted due to CO2 Storage Building not being discussed in 3.8	N/A	62
3.8.2		3. 8. 3- 8	Add	Added information on pressurizer enclosure manway	N/A	55
3.8.2		3. 8. 3- 8b	Edit	Corrected typos	N/A	56
3.8.2		3. 8. 3- 8c	Edit	Completed sentence plus typographical error	N/A	56
3.8.2		3. 8. 3- 8c	N/A	Completed sentence plus typographical error	N/A	56
3.8.2	F	3. 8. 3- 20	Addition	Figure added to conform to new information added on page 3.8.3-8	N/A	55
3.8.3		3. 8. 4- 1	Addition	Added additional Diesel Generator Building to list of Category I structures	N/A	57
3.8.3		3. 8. 4- 6	Edit	Deleted information on RHR sump valve room manways sealing and structural design	N/A	56
3.8.3		3. 8. 4- 6	Edit	Typographical error	N/A	56
3.8.3		3. 8. 4- 11	Edit	Typographical error	N/A	60
3.8.3		3. 8. 4- 12	Edit	Corrected reference to FSAR figures added by previous amendments	N/A	60

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
3.8.3		3. 8. 4- 12a	Edit	Corrected reference to FSAR figures added by previous amendments	N/A	60 <i>ok</i>
3.8.3		3. 8. 4- 14a	Addition	Added discussion for additional Diesel Generator Bldg	N/A	57 } <i>63606</i>
3.8.3		3. 8. 4- 14a	Edit	Added heading for ADGB doors and bulkhead paragraph	N/A	58 }
3.8.3		3. 8. 4- 14a	Edit	Corrected previous typographical error	N/A	58 }
3.8.3		3. 8. 4- 14b	Addition	Added ACI-349 to listing ACI codes	N/A	57 }
3.8.3		3. 8. 4- 14b	N/A	No change noted	N/A	60 }
3.8.3		3. 8. 4- 16	Addition	Added references to TVA topical report and national fire protection code	N/A	57 }
3.8.3		3. 8. 4- 18	Edit	Added references to table added for ADGB loads	N/A	57 }
3.8.3		3. 8. 4- 18	Edit	Correct reference to a table which was previously deleted	N/A	60 }
3.8.3		3. 8. 4- 19	Correct	Correct reference to a table which was previously deleted	N/A	60 }
3.8.3		3. 8. 4- 19	Clarify	Clarify tornado and wind loading in Auxiliary Building	N/A	55 }
3.8.3		3. 8. 4- 20	Edit	Added reference to Table 3.8.4-22 added by A-57 for ADGB	N/A	57 } <i>63606</i>
3.8.3		3. 8. 4- 32	Addition	Added discussion of ADGB	N/A	57 }
3.8.3		3. 8. 4- 32a	Clarify	Added discussion on ADGB	N/A	57 }
3.8.3		3. 8. 4- 32b	Addition	Added discussion of ADGB	N/A	57 }
3.8.3	F	3. 8. 4- 34	Edit	Deleted figure to eliminate cross-reference discrepancy - (CO2 storage bldg not in 3.8)	N/A	62 <i>ok</i>
3.8.3		3. 8. 4- 35	Addition	Added ADGB general information section plus missile barriers information	N/A	57 }
3.8.3		3. 8. 4- 36	Addition	Added ADGB section for special construction techniques and testing and surveillance requirements	N/A	57 } <i>63606</i>
3.8.3		3. 8. 4- 37	Revision	Deleted section for manways in RHR sump valve room	N/A	56 <i>ok</i>
3.8.3	F	3. 8. 4- 72	Addition	Add figure for ADGB	N/A	57 }
3.8.3	F	3. 8. 4- 73	Addition	Add figure for ADGB	N/A	57 } <i>63606</i>
3.8.3	F	3. 8. 4- 74	Addition	Add figure for ADGB	N/A	57 }

FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
3.8.3	F	3. 8. 4- 75	Addition	Add figure for ADGB	N/A	57
3.8.3	F	3. 8. 4- 76	Addition	Add figure for ADGB	N/A	57
3.8.3	F	3. 8. 4- 77	Addition	Add figure for ADGB	N/A	57
3.8.3	F	3. 8. 4- 78	Addition	Add figure for ADGB	N/A	57
3.8.3	F	3. 8. 4- 79	Addition	Add figure for ADGB	N/A	57
3.8.3	F	3. 8. 4- 80	Addition	Add figure for ADGB	N/A	57
3.8.4		3. 8. 5- 1	Clarify	Clarified specific FSAR pages for discussion of rock base and foundation treatment	N/A	60
3.8.4		3. 8. 5- 3a	Addition	Add discussion for ADGB	N/A	57
3.8.4		3. 8. 5- 4	Addition	Add discussion for ADGB	N/A	57
3.9.1		3. 9- 1	Revision	Added description of TPIPE Program (lower portion of page previously on pg 3.9-4)	N/A	55
3.9.1		3. 9- 1	Revision	Added description of TPIPE Program (text previously on pg 3.9-4b)	N/A	55
3.9.1		3. 9- 1	Revision	Typographical error [Change in an area where text was deleted by 0541 revision, therefore no revision can be made]	0508	55
3.9.2	F	3. 9- 1	Update	Provided information on observations and comments before and after functional tests	N/A	55
3.9.3	T	3. 9- 17 SH 1	Revision	Revise active valve list per revised criteria	N/A	55
3.9.3	T	3. 9- 17 SH 2	Revision	Revise active valve list per revised criteria	N/A	55
3.9.3	T	3. 9- 17 SH 3	Revision	Revise active valve list per revised criteria	N/A	55
3.9.3	T	3. 9- 17 SH 4	Revision	Revise active valve list per revised criteria	N/A	55
3.9.3	T	3. 9- 17 SH 5	Revision	Revise active valve list per revised criteria	N/A	55
3.9.3	T	3. 9- 17 SH 6	Revision	Revise active valve list per revised criteria	N/A	55
3.9.3	T	3. 9- 17 SH 7	Revision	Revise active valve list per revised criteria	N/A	55
3.9.3	T	3. 9- 25 SH 1	Revision	Revised to agree with revised rules on identification of active valves	N/A	55
3.9.3	T	3. 9- 25 SH 2	Revision	Revised to agree with revised rules on identification of active valves	N/A	55
3.9.3	T	3. 9- 25 SH 3	Revision	Revised to agree with revised rules on identification of active valves	N/A	55
3.9.3	T	3. 9- 25 SH 4	Revision	Revised to agree with revised rules on identification of active valves	N/A	55

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
3.9.3	T	3. 9- 25 SH 4	Revision	Unit 2 system 30 solenoid valves not required for containment isolation and deleted from active valve list	N/A	56
3.9.3	T	3. 9- 25 SH 5	Revision	Revised to agree with revised rules on identification of active valves	N/A	55
3.9.3	T	3. 9- 25 SH 6	Revision	Revised to agree with revised rules on identification of active valves	N/A	55
3.9.3	T	3. 9- 25 SH 7	Revision	Revised to agree with revised rules on identification of active valves	N/A	55
3.9.3	T	3. 9- 25 SH 8	Revision	Revised to agree with revised rules on identification of active valves	N/A	55
3.9.3	T	3. 9- 25 SH 9	Revision	Revised to agree with revised rules on identification of active valves	N/A	55
3.9.3	T	3. 9- 25 SH 10	Revision	Revised to agree with revised rules on identification of active valves	N/A	55
3.9.3	T	3. 9- 25 SH 10	Revision	List of active valves revised per new rules in 3.9.3.2.1	N/A	60
3.9.3	T	3. 9- 27	Revision	Revised list of active pumps revised per new rules in 3.9.3.2.1	N/A	55
3.9.3	T	3. 9- 28	Revision	Revised list of active pumps revised per new rules in 3.9.3.2.1	N/A	55
3.9.3		3. 9- 31	Add	Added rules to identify active pumps & valves	N/A	57
3.9.3		3. 9- 31a	Add	Added rules to identify active pumps & valves	N/A	55
3.9.3		3. 9- 31b	Edit	Pages rolled to fit in 3.9-31a revisions	N/A	55
3.9.3		3. 9- 31c	Edit	Pages rolled to fit in 3.9-31a	N/A	55
3.9.3		3. 9- 31d	Edit	Pages rolled to fit in 3.9-31a	N/A	55
3.9.3		3. 9- 31e	Edit	Pages rolled to fit in 3.9-31a revisions	N/A	55
3.9.3		3. 9- 31f	Edit	Pages rolled to fit in page 3.9-31a revisions	N/A	55
3.9.3		3. 9- 31g	Edit	Pages rolled to fit in 3.9-31a revisions	N/A	55
3.9.3		3. 9- 47	Revision	Revised Inservice Testing parameters for pumps and valves and added commitment to NRC	N/A	56
3.9.3		3. 9- 48	Revision	Revised list of safety related pumps to be tested	N/A	56
3.10.3	T	3.10- 3 SH 23	Edit	Typographical error	0132	55
3.10.3	T	3.10- 3 SH 24	Edit	Typographical error	0132	55

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
3.10.1		3.10- 5	Clarify	Clarified restraint measures used for electrical equipment and instrumentation	N/A	60
** Chapter: 4						
4.1		4. 1- 1	Edit	Typographical errors	0539	63
4.1		4. 1- 1	Correct	Correctly identify the reason for the use of burnable absorbers	0539	63
4.1	T	4. 1- 1 SH 1	Correct	Corrected value of thermal output	0539	63
4.4	T	4. 1- 1 SH 1	Correct	Corrected value of thermal output	0508	63
4.1	T	4. 1- 1 SH 2	Correct	Corrected value of heat flux hot channel factor	0539	63
4.1	T	4. 1- 1 SH 3	Correct	Correctly identify the type of RCCA's and active fuel height	0539	63
4.4	T	4. 1- 1 SH 3	Correct	Corrected value of thermal output	0530	63
4.1		4. 1- 2	Edit	Typographical errors	0539	63
4.1	T	4. 1- 2 SH 2	Correct	Corrected code used for power and Xenon distribution and rod worth analysis	0539	63
4.1		4. 1- 3	Edit	Typographical errors	0539	63
4.1		4. 1- 3	Clarify	Deleted "in and out of the core" to clarify the statement	0106	63
4.1	T	4. 1- 3	Clarify	Clarify description of blowdown forces	0539	63
4.1	T	4. 1- 3	Correct	Corrected reference to proper table	0539	63
4.2	F	4. 2- 1	Clarify	Provided dimension changes and notations to be consistent with fuel outline drawing	0539	63
4.2	F	4. 2- 2	Clarify	Added notation that drawing of secondary source assembly is only "Typical"	0528	63
4.2.1		4. 2- 3	Update	Updated to reference most recent test and operating experience	0528	63
4.2.1		4. 2- 3	Revision	Revised to eliminate reference to specific "g" loading which is subject to change	0539	63
4.2.1		4. 2- 3	Edit	Deleted FSAR section title reference for consistency	0106	63
4.2.1		4. 2- 5	Revision	Revised the grid strength criteria	0539	63
4.2.1		4. 2- 6	Edit	Typographical errors	0539	63
4.2.1		4. 2- 9	Edit	Typographical errors	0539	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
4.2.2		4. 2- 10	Edit	Typographical errors	0539	63
4.2.2		4. 2- 11	Edit	Typographical errors	0539	63
4.2.2		4. 2- 12	Edit	Typographical errors	0539	63
4.2.2		4. 2- 13	Edit	Typographical errors	0539	63
4.2.2		4. 2- 13	Edit	Typographical errors	0526	63
4.2.2		4. 2- 14	Revision	Revised discussion on transient evaluation, CYGRO code no longer used	0539	63
4.2.2		4. 2- 14	Edit	Typographical errors	0539	63
4.2.2		4. 2- 14a	Edit	Page added to except expansion of text from 4.2-14	0539	63
4.2.2		4. 2- 15	Revision	Deleted information due to revised discussion on transient evaluation, CYGRO code no longer used	0539	63
4.2.2		4. 2- 17	Revision	Revised discussion of design loads for fuel assembly shipping (may vary)	0539	63
4.2.2		4. 2- 17	Edit	Typographical errors	0539	63
4.2.3		4. 2- 18	Revision	Revised to reflect up-to-date test experience	0539	63
4.2.3		4. 2- 18	Edit	Typographical errors	0539	63
4.2.3		4. 2- 18	Edit	Changed reference [21] to [2]	0555	63
4.2	F	4. 2- 18	Clarify	Added notation that drawing of burnable poison assembly is only "Typical"	0528	63
4.2.3		4. 2- 18a	Revision	Revised discussion of fuel assembly response and wording of grid impact forces due to change in criteria and processes	0539	63
4.2.3		4. 2- 18a	Revision	Revised discussion of fuel assembly response and wording of grid impact forces due to change in criteria and processes	0510	63
4.2.3		4. 2- 18a	Edit	Added appropriate reference number	0106	63
4.2.3		4. 2- 18b	Edit	Page deleted due to rewrite of 4.2-18a and reformatting	N/A	63
4.2		4. 2- 19	Revision	Revised description on fuel rod QC inspection to include X-ray or ultrasonic	0539	63
4.2		4. 2- 20	Revision	Revised description on fuel rod QC inspection to include X-ray or ultrasonic	0539	63
4.2	F	4. 2- 20	Clarify	Added notation that drawing of primary source assembly is only "Typical"	0528	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
4.2	F	4. 2- 21	Clarify	Added notation that drawing of secondary source assembly is only "Typical"	0528	63
4.2	F	4. 2- 22	Clarify	Added notation that drawing of thimble plug assembly is only "Typical"	0528	63
4.2.3		4. 2- 23	Revision	Revised description to delete UHI	0539	63
4.2		4. 2- 25	Edit	Corrected description of radial support system of core barrel to replace part of sentence that had been inadvertently left out.	0106	63
4.2		4. 2- 26	Clarify	Revised wording to clarify intent	0519	63
4.2		4. 2- 26	Revision	Revised to reflect UHI removal	0106	63
4.2		4. 2- 27	Edit	Corrected typographical errors	0107	63
4.2		4. 2- 28	Clarify	Deleted description of referenced FSAR Section 5.4.3.6 for consistency and deleted reference to UHI	0107	63
4.2		4. 2- 30	Edit	Deleted inappropriate cross reference	0508	63
4.2		4. 2- 31	Clarify	Revised description of reactivity control components to eliminate confused wording	0106	63
4.2		4. 2- 32	Clarify	Revised description of reactivity control components to eliminate confused wording	0106	63
4.2.3		4. 2- 37	Revision	Deleted references to part length rods	0513	63
4.2.3		4. 2- 37	Clarify	Clarified wording by adding "of negative reactivity"	0107	63
4.2.3		4. 2- 38	Correct	Changes description to match as-built plant relating to part length control rod	0513	63
4.2.3		4. 2- 38	Correct	Deleted reference to carbon steel springs to reflect as-designed configuration	0107	63
4.2		4. 2- 40	Edit	Changed to correct editorial errors and clarify wording	0107	63
4.2		4. 2- 41	Correct	Deleted reference to carbon steel springs to reflect the as-designed configuration	0107	63
4.2		4. 2- 50	Edit	Revised to reflect current terminology	0107	63
4.2		4. 2- 51	Edit	Corrected editorial error	0107	63
4.2		4. 2- 62	Edit	Corrected figure number	0467	63
4.2		4. 2- 63	Correct	Revised terminology to be consistent. Deleted reference to part length rods	0530	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
4.2		4. 2- 63	Correct	Corrected to reflect previous changes to preop test program described in 04/30/85 letter to NRC (L44 850430 807)	0107	63
4.2		4. 2- 64	Clarify	Clarify wording for control rod drive test requirements and provide appropriate reference to plant Technical Specifications	0107	63
4.2		4. 2- 65	Clarify	Clarify wording for control rod drive test requirements, correct typographical errors	0107	63
4.2		4. 2- 67	Edit	Provided updated reference to reflect other text changes	0539	63
4.2		4. 2- 67	Correct	Updated reference 3 due to Westinghouse's frequent updates and deleted reference 8 which is no longer used	0106	63
4.2.3		4. 2- 68	Edit	Provided updated references to reflect other text changes and added reference 24	0539	63
4.3		4. 3- 1	Clarify	Provided a clearer description of consequences of condition IV fault	0539	63
4.3	F	4. 3- 1	Correct	Changed to provide cycle 1 specific data	0539	63
4.3	T	4. 3- 1 SH 1	Correct	Provided WBN specific data correction	0539	63
4.3	T	4. 3- 1 SH 2	Correct	Provided WBN specific data correction	0513	63
4.4	T	4. 3- 1 SH 2	Correct	Provided WBN specific data correction	0510	63
4.3		4. 3- 2	Edit	Typographical error	0539	63
4.3		4. 3- 2	Clarify	Provided a clearer description of consequences of condition IV fault	0539	63
4.3	F	4. 3- 2	Edit	Inserted the word typical to reflect a more accurate description	0539	63
4.3	T	4. 3- 2 SH 1	Correct	Provided WBN specific data correction	0519	63
4.3	T	4. 3- 2 SH 2	Correct	Provided WBN specific data correction	0539	63
4.3	T	4. 3- 2 SH 3	Correct	Provided WBN specific data correction	0539	63
4.3	F	4. 3- 3	Edit	Inserted the word typical to reflect a more accurate description	0539	63
4.3	T	4. 3- 3	Correct	Provided WBN specific data corrections	0539	63
4.3		4. 3- 4	Edit	Typographical error	0539	63
4.3.2		4. 3- 4	Correct	Changed the max power of the fuel from fixed to calculated expression per 4.3.2.2.1	0539	63
4.3.2		4. 3- 4	Edit	Typographical error	0519	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
4.3	F	4. 3- 4	Edit	Corrected assembly map that was in error	0513	63
4.3	F	4. 3- 5	Edit	Number of BP rods and source rods corrected that were in error	0539	63
4.3.2		4. 3- 6	Revision	Provided correct usage of Technical Specifications convention & deleted reference to LEOPARD & PDQ codes	0539	63
4.3	F	4. 3- 6	Edit	Changed to make figure cycle 1 specific	0539	63
4.3.2		4. 3- 7	Edit	Typographical errors	0528	63
4.3.2		4. 3- 7	Edit	Typographical errors	0539	63
4.3	F	4. 3- 7	Edit	Changed to make figure cycle 1 specific	0539	63
4.3.2		4. 3- 8	Correct	Corrected description of reload cores to reflect current reload fuel management strategies	0539	63
4.3	F	4. 3- 8	Edit	Changed to make figure cycle 1 specific	0539	63
4.3.2		4. 3- 9	Correct	Corrected description of reload cores to reflect current reload strategies	0539	63
4.3.2		4. 3- 9	Clarify	Removed description relating to CVCS to return to the intent of the section	0539	63
4.3	F	4. 3- 9	Edit	Changed to make figure cycle 1 specific	0539	63
4.3.2		4. 3- 10	Edit	Corrected typographical errors	0539	63
4.3	F	4. 3- 10	Edit	Changed to make figure cycle 1 specific	0539	63
4.3	T	4. 3- 10	Correct	Provided WBN specific data corrections	0539	63
4.3.2		4. 3- 11	Edit	Corrected typographical errors	0539	63
4.3	F	4. 3- 11	Edit	Changed to make figure cycle 1 specific	0539	63
4.3	T	4. 3- 11	Edit	Corrected typographical errors	0539	63
4.3.2		4. 3- 12	Correct	Provides correct description of factor for conservatism and delete discussion of densification effects on Fq (WCAP 7912-L WCAP 8359)	0539	63
4.3.2		4. 3- 13	Edit	Corrected typographical errors	0539	63
4.3.2		4. 3- 13	Correct	Provided changes to description of radial power distribution at various operating conditions	0539	63
4.3.2		4. 3- 13	Edit	Corrected typographical error	N/A	55
4.3.2		4. 3- 14	Correct	Reword discussion of densification affects as changed in 4.3.2.1	0539	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
4.3.2		4. 3- 14	Edit	Corrected typographical errors	0539	63
4.3.2		4. 3- 15	Correct	Removed enrichment specification related to discussion of spike curve per WCAP-8218-P-A	0539	63
4.3.2		4. 3- 15	Edit	Corrected typographical error	0539	63
4.3	T	4. 3- 15	Edit	Corrected typographical errors	0539	63
4.3.2		4. 3- 16	Correct	Removed description of permissible operating deviation (1 loop out of service) for consistency (section 15.1)	0539	63
4.3.2		4. 3- 16	Add	Added reference to topical report WCAP-9983 on peaking factors	0539	63
4.3.2		4. 3- 16	Edit	Corrected typographical error	N/A	55
4.3.2		4. 3- 17	Correct	Corrected rod misalignment allowance per WCAP-9983	0539	63
4.3.2		4. 3- 17	Edit	Editorial reformatting page	N/A	55
4.3	F	4. 3- 17	Edit	Inserted word typical to reflect a more accurate description	0539	63
4.3.2		4. 3- 18	Clarify	Deleted discussion of cycle 1 flux difference values which are not required. Make rest of discussion clearer	0539	63
4.3.2		4. 3- 18	Edit	Corrected typographical errors	0539	63
4.3.2		4. 3- 19	Edit	Corrected typographical errors	0539	63
4.3.2		4. 3- 19	Correct	Deleted statement on value of rod bow factor which is outdated - WBN has no rod bow factor	0539	63
4.3.2		4. 3- 20	Correct	Deleted reference to specific local power density & revises avg linear power consistent with section 4.3.2.2.1 & 4.3.2.2.2	0539	63
4.3.2		4. 3- 20	Correct	Deleted reference to specific local power density & revises avg. linear power consistent with sections 4.3.2.2.1 & 4.3.2.2.2	0508	63
4.3.2		4. 3- 20	Clarify	Clarified wording to eliminate the need to reference Technical Specifications	0106	63
4.3.2		4. 3- 21	Correct	Deleted reference to chapter 16 (technical specifications)	N/A	60
4.3.2		4. 3- 21	Edit	Corrected typographical errors	0539	63
4.3	F	4. 3- 21	Revision	Replaced figure to remove cycle dependence in Fq limit	0539	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
4.3.2		4. 3- 23	Edit	Corrected typographical errors	0539	63
4.3		4. 3- 24	Edit	Corrected typographical errors	0539	63
4.3	F	4. 3- 24	Edit	Inserted word typical to reflect a more accurate description	0539	63
4.3		4. 3- 25	Edit	Corrected typographical errors	0539	63
4.3	F	4. 3- 25	Edit	Inserted word typical to reflect a more accurate description	0539	63
4.3		4. 3- 26	Clarify	Added clarifying words in description of moderator pressure coefficient	0539	63
4.3		4. 3- 26	Edit	Corrected typographical errors and editorial mistakes	0539	63
4.3		4. 3- 27	Clarify	Added clarification on relative effects between moderator temp and pressure coefficient	0539	63
4.3		4. 3- 27	Edit	Correct typographical errors and editorial mistakes	0539	63
4.3	F	4. 3- 27	Edit	Inserted word typical to reflect a more accurate description	0539	63
4.3		4. 3- 28	Edit	Corrected editorial mistakes by deleting part of sentence that was repeated	0539	63
4.3	F	4. 3- 28	Edit	Inserted word typical to reflect a more accurate description	0539	63
4.3		4. 3- 29	Edit	Corrected typographical errors	0508	63
4.3		4. 3- 29	Revision	Revised the use of 10% analytical uncertainty for calculation of SDM to allow the use of 7% in future cycles per WCAP 2917	0539	63
4.3		4. 3- 29	Edit	Corrected typographical errors	0539	63
4.3	F	4. 3- 29	Edit	Inserted word typical to reflect a more accurate description	0539	63
4.3		4. 3- 30	Clarify	Revised the description, xenon distribution effects and excess reactivity at beginning of cycle	0539	63
4.3		4. 3- 30	Clarify	Revised the description, xenon distribution effects and excess reactivity at beginning of cycle	0508	63
4.3	F	4. 3- 30	Edit	Inserted word typical to reflect a more accurate description	0539	63
4.3		4. 3- 31	Edit	Corrected typographical error	0508	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
4.3	F	4. 3- 31	Edit	Inserted word typical to reflect a more accurate description	0539	63
4.3		4. 3- 32	Update	Deleted section on moderator temperature coefficient control which is not part of WBN design basis. (package 0539)	0106	63
4.3	F	4. 3- 32	Edit	Inserted word typical to reflect a more accurate description	0539	63
4.3		4. 3- 33	Update	Deleted section on moderator temperature coefficient control which is not part of WBN design basis. (package 0539)	0106	63
4.3		4. 3- 33	Edit	Corrected editorial error	0539	63
4.3	F	4. 3- 33	Correct	Replaced figure with corrected figure from WCAP-9983	0539	63
4.3		4. 3- 34	Edit	Corrected typographical and editorial errors and removed inappropriate section ref.	0539	63
4.3		4. 3- 34	Clarify	Inserted FSAR to clarify the section reference and renumbered sections to reflect previous page changes	0106	63
4.3	F	4. 3- 34	Edit	Inserted word typical to reflect a more accurate description	0539	63
4.3		4. 3- 35	Edit	Corrected typographical errors	0539	63
4.3		4. 3- 35	Clarify	Added "of reactivity" to clarify the definition of shutdown margin	0539	63
4.3		4. 3- 35	Correct	Deleted description of insertion limits which are discussed elsewhere in the FSAR	0106	63
4.3	F	4. 3- 35	Edit	Inserted word typical to reflect a more accurate description	0539	63
4.3		4. 3- 36	Add	Added description of fuel storage criticality for new fuel storage vault	0539	63
4.3		4. 3- 36a	Edit	Page added to except expansion of text from 4.3-36.	N/A	63
4.3.2		4. 3- 37	Edit	Corrected typographical error	0539	63
4.3	F	4. 3- 37	Edit	Inserted word typical to reflect a more accurate description	0539	63
4.3.2		4. 3- 39	Edit	Corrected typographical error	0539	63
4.3.2		4. 3- 40	Edit	Corrected typographical error	0539	63
4.3.2		4. 3- 41	Edit	Replaced information that had been inadvertently omitted	0539	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
4.3.2		4. 3- 42	Edit	Corrected editorial and typographical error	0539	63
4.3.2		4. 3- 43	Edit	Corrected editorial and typographical error	0539	63
4.3.2		4. 3- 44	Edit	Corrected editorial and typographical error	0539	63
4.3.2		4. 3- 46	Edit	Corrected editorial and typographical error	0539	63
4.3.2		4. 3- 47	Edit	Corrected editorial and typographical error	0539	63
4.3.2		4. 3- 48	Revision	Added description of ARK computer code	0539	63
4.3.2		4. 3- 48	Edit	Corrected editorial and typographical error	0539	63
4.3.2		4. 3- 49	Revision	Modified description of spatial few-group diffusion calculation to include THURTLLE code	0539	63
4.3.2		4. 3- 49	Clarify	Clarified statement on adjustment of rod group constants	0539	63
4.3.2		4. 3- 49	Correct	Deleted reference to table 4.3-4 which was removed by Amendment 40	N/A	60
4.3.3		4. 3- 50	Edit	Corrected typographical errors	0539	63
4.3		4. 3- 51	Edit	Corrected typographical errors	0539	63
4.3		4. 3- 51	Edit	Corrected typographical errors	0465	63
4.3		4. 3- 52	Edit	Corrected typographical errors	0539	63
4.3		4. 3- 53	Add	Added references	0539	63
4.4	T	4. 4- 1 SH 1	Edit	Corrected typographical errors	0539	63
4.4	T	4. 4- 1 SH 1	Update	Updated values of thermal flow rate and effective flow rate per (WCAP-9983 and WBN fuel contract supp.4)	0539	63
4.4	T	4. 4- 1 SH 2	Update	Updated values of thermal flow rate and effective flow rate per (WCAP-9983 and WBN fuel contract supp.4)	0539	63
4.4	T	4. 4- 2	Edit	Corrected typographical errors	0539	63
4.4	T	4. 4- 2	Update	Added note to reflect that 3-loop operation is not in WBN basis	0539	63
4.4.2		4. 4- 3	Clarify	Added reference to section that defines hydrodynamic instability	0539	63
4.4	T	4. 4- 4	Edit	Corrected typographical errors	0539	63
4.4	F	4. 4- 6	Edit	Corrected typographical errors	0539	63
4.4	F	4. 4- 7	Edit	Corrected typographical errors	0539	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
4.4		4. 4- 8	Correct	Changed to be consistent with section 4.3.2 relating to Fq	0539	63
4.4.6		4. 4- 9	Edit	Corrected typographical errors	0539	63
4.4.6		4. 4- 12	Edit	Corrected typographical errors	0539	63
4.4.6		4. 4- 13	Edit	Corrected typographical errors	0539	63
4.4.6		4. 4- 14	Edit	Corrected typographical errors	N/A	60
4.4.6		4. 4- 14	Edit	Corrected typographical errors	0539	63
4.4	F	4. 4- 14	Edit	Corrected typographical errors	0539	63
4.4.3		4. 4- 15	Correct	Corrected the flow conditions to be consistent with the references	0539	63
4.4.3		4. 4- 16	Edit	Corrected typographical errors	0539	63
4.4.3		4. 4- 17	Edit	Corrected typographical errors	0539	63
4.4.3		4. 4- 18	Edit	Removed reference to specific Technical Specifications section since it may change	0539	63
4.4.3		4. 4- 18	Edit	Corrected typographical errors	0539	63
4.4.3		4. 4- 19	Edit	Corrected typographical and editorial errors	0539	63
4.4	F	4. 4- 20	Correct	Deleted figure to correspond to text changes	0467	63
4.4	F	4. 4- 20	Correct	Deleted figure to correspond to text changes	0513	63
4.4.3		4. 4- 21	Edit	Corrected typographical and editorial errors	0539	63
4.4	F	4. 4- 21	Correct	Deleted figure to correspond to text changes	0467	63
4.4	F	4. 4- 21	Correct	Deleted figure to correspond to text changes	0513	63
4.4	F	4. 4- 22	Correct	Changed incore instrument map to reflect WBN specific design	0539	63
4.4	F	4. 4- 22	Correct	Changed incore instrument map to reflect WBN specific design	0513	63
4.4.3		4. 4- 24	Edit	Corrected typographical and editorial errors	0539	63
4.4.3		4. 4- 25	Edit	Corrected typographical and editorial errors	0526	63
4.4.3		4. 4- 25	Edit	Corrected typographical and editorial errors	0539	63
4.4.3		4. 4- 29	Edit	Corrected typographical and editorial errors	0539	63
4.4.3		4. 4- 29	Edit	Corrected typographical and editorial errors	0526	63
4.4.3		4. 4- 31	Edit	Corrected typographical and editorial errors	0539	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
4.4.3		4. 4- 31	Clarify	Removed core analysis and experimental verification writeup and replaced with reference to NRC evaluation of WCAP-7956, WCAP-8567, WCAP-8762, and added reference [90]	0539	63
4.4.3		4. 4- 32	Edit	Blank due to removal of core analysis and experimental verification writeup and replaced with reference to NRC evaluation of WCAPs Reference [90]	0539	63
4.4.3		4. 4- 33	Edit	Blank due to removal of core analysis and experimental verification writeup and replaced with reference to NRC evaluation of WCAPs Reference [90]	0539	63
4.4.3		4. 4- 34	Edit	Blank due to removal of core analysis and experimental verification writeup and replaced with reference to NRC evaluation of WCAPs Reference [90]	0539	63
4.4.3		4. 4- 35	Edit	Blank due to removal of core analysis and experimental verification writeup and replaced with reference to NRC evaluation of WCAPs Reference [90]	0539	63
4.4.3		4. 4- 36	Clarify	Removed core analysis and experimental verification writeup and replaced with reference to NRC evaluation of WCAPs Reference [90]	0539	63
4.4.3		4. 4- 36	Edit	Corrected typographical errors	0539	63
4.4.3		4. 4- 37	Edit	Corrected typographical errors	0539	63
4.4.3		4. 4- 38	Edit	Corrected typographical errors	0539	63
4.4.3		4. 4- 41	Edit	Corrected typographical errors and replaced section number of section previously omitted.	0519	63
4.4.3		4. 4- 41	Edit	Corrected typographical errors	0539	63
4.4.3		4. 4- 42	Edit	Corrected typographical errors	0539	63
4.4.3		4. 4- 43	Edit	Corrected typographical errors	0539	63
4.4.3		4. 4- 43	Edit	Corrected typographical errors (Figure number change to correct number 14.2-1)		60
4.4.8		4. 4- 44	Edit	Corrected typographical errors	0539	63
4.4		4. 4- 46	Edit	Corrected typographical errors	0539	63
4.4		4. 4- 48	Edit	Corrected typographical errors	0539	63
4.4		4. 4- 49	Edit	Corrected typographical errors	0539	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
4.4		4. 4- 50	Edit	Corrected typographical errors	0528	63
4.4		4. 4- 50	Edit	Corrected typographical errors	0539	63
4.4		4. 4- 51	Edit	Corrected typographical errors	0539	63
4.4		4. 4- 52	Edit	Corrected typographical errors	0539	63
4.4		4. 4- 53	Edit	Corrected typographical errors	0539	63
4.4		4. 4- 53	Update	Provided new references in reference list	0539	63
** Chapter: 5						
5.1	F	5. 1- 1 SH 1	Revision	Revised to reflect deletion of UHI system	0470	63
5.1	F	5. 1- 1 SH 1	Revision	Figure revised to reflect elimination of RTD Bypass loop and utilization of Eagle 21 system electronics	0511	63
5.1	F	5. 1- 1 SH 2	Revision	Figure revised to reflect elimination of RTD Bypass loop and utilization of Eagle 21 system electronics	0511	63
5.1	F	5. 1- 1 SH 3	Revision	Figure revised to reflect elimination of RTD Bypass loop and utilization of Eagle 21 system electronics	0511	63
5.1	F	5. 1- 1 SH 4	Revision	Figure revised to reflect elimination of RTD Bypass loop and utilization of Eagle 21 system electronics	0511	63
5.1	F	5. 1- 1 SH 5	Revision	Figure revised to reflect elimination of RTD Bypass loop and utilization of Eagle 21 system electronics	0511	63
5.1	F	5. 1- 1 SH 8	Revision	Figure revised to reflect deletion of UHI System	0470	63
5.1		5. 1- 2	Revision	Revised to reflect deletion of UHI system	0470	63
5.1		5. 1- 2	Revision	Revised to reflect deletion of UHI system	0108	63
5.1		5. 1- 2a	Revision	Revised to reflect deletion of UHI system	0470	63
5.2		5. 2- 1	Revision	Revision to reactor trip and RCP depressurization discussions to provide consistency with design criteria	0492	63
5.2		5. 2- 1	Revision	Revision to reactor coolant pressure boundary discussions to provide consistency with design criteria	0108	63
5.2		5. 2- 1a	Revision	Revision to reactor coolant pressure boundary discussions to provide consistency with design criteria	0492	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
5.2		5. 2- 1a	Edit	Page added due to text additions on page 5.2-1	N/A	63
5.2.2	T	5. 2- 2 SH 1	Correct	Corrected table to reflect RCS design transients	0108	63
5.2.2	T	5. 2- 2 SH 2	Correct	Corrected table to reflect RCS design transients	0108	63
5.2.2	T	5. 2- 3 SH 1	Correct	Typographical error corrected	0108	63
5.2.2	T	5. 2- 3 SH 3	Revision	Revised turbine roll test occurrences from 20 to 10	N/A	55
5.2.1		5. 2- 4	Correct	Correct design pressure of pressurizer relief line from safety valves to PRT	0108	63
5.2.3	T	5. 2- 8 SH 1	Correct	Miscellaneous Correction to material specification and component terminology	0510	63
5.2.3	T	5. 2- 8 SH 1	Edit	Added sheet number	0500	63
5.2.3	T	5. 2- 8 SH 2	Correct	Deleted duplicate entries	0500	63
5.2.3	T	5. 2- 8 SH 3	Correct	Corrected code case number and deleted duplicate entries (previous sheet 3 deleted, current sheet 3 was sheet 4)	0500	63
5.2.3	T	5. 2- 8 SH 3	Correct	Corrected material specifications and deleted duplicate entries (previous sheet 3 deleted, current sheet 3 was sheet 4)	0108	63
5.2.2		5. 2- 11	Revision	Revised to reflect deletion of UHI system	0470	63
5.2.2		5. 2- 11	Clarify	Add clarification to better describe upset condition per DBVP	0513	63
5.2.2		5. 2- 11a	Edit	Page added due to text addition on page 5.2-11	N/A	63
5.2.2		5. 2- 12	Revision	Revised definition of small LOCA from 1-inch to 3/8-inch break of inside branch connection	N/A	55
5.2.2		5. 2- 12	Revision	Revised to reflect deletion of UHI system	0470	63
5.2.2		5. 2- 13	Revision	Revised to reflect deletion of UHI system	0470	63
5.2.2		5. 2- 13	Correct	Correct actuation temperature at which ECCS water is introduced into RCS	0108	63
5.4.1		5. 2- 20	Edit	Corrected FSAR section cross reference	N/A	60
5.3.3		5. 2- 30b	Edit	Corrected FSAR section cross reference	N/A	60
5.3.3		5. 2- 30e	Clarify	Clarified basis for Table 5.2-19 and corrected reference to the table	0465	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
5.2.2		5. 2- 35	Edit	Typographical error	N/A	62
5.2.2		5. 2- 36	Clarify	Clarified use for cold overpressure mitigating system and corrected reference	N/A	62
5.2.2		5. 2- 36	Clarify	Clarified low temperature operation of RCS. Corrected tense of discussion	0108	63
5.2.2		5. 2- 36a	Edit	Corrected FSAR figure references	N/A	62
5.2.2		5. 2- 36a	Correct	Correct reference to 10 CFR and typographical error	0108	63
5.2.2		5. 2- 36b	Edit	Amendment 62 was submitted single sided. 5.2-36b had no revision but was resubmitted since it is back side to 5.2-36a	N/A	62
5.2.2		5. 2- 36b	Edit	Typographical errors corrected	0108	63
5.2.2		5. 2- 36c	Edit	Typographical errors corrected	0108	63
5.2.3		5. 2- 41	Revision	Revised to address final rule - 10 CFR 50.61, fracture toughness for protection against pressurized thermal shock events	0466	63
5.2.2		5. 2- 41a	Edit	Page added due to text addition on page 5.2-41	N/A	63
5.2.5		5. 2- 52	Edit	Typographical error	0508	63
5.2.5		5. 2- 53	Edit	Corrected FSAR section cross reference	0519	63
5.2.5		5. 2- 53	Correct	Corrected FSAR cross reference and typographical errors	0108	63
5.2.5		5. 2- 54	Edit	Typographical error and word inadvertently omitted	N/A	60
5.2.5		5. 2- 54a	Edit	Typographical error	0508	63
5.2.5		5. 2- 54a	Revision	Revised to reflect deletion of UHI system	0470	63
5.2.5		5. 2- 54b	Revision	Revised to reflect deletion of UHI system	0470	63
5.2.5		5. 2- 55	Edit	Correct sentence structure	N/A	63
5.2.5		5. 2- 55	Edit	Typographical error	0508	63
5.2.5		5. 2- 56	Edit	Typographical error	0508	63
5.2.5		5. 2- 56	Edit	Correct FSAR section cross reference	0519	63
5.2.5		5. 2- 56	Revision	Revised to reflect the current condenser vacuum pump air exhaust monitor hardware and to reflect revised TVA calculations (Page 5.2-55a deleted due to text revision on 5.2-55 and 5.2-56)	0484	63

FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
5.2.5		5. 2- 56	Revision	Revised to reflect the current condenser vacuum pump air exhaust monitor hardware and to reflect revised TVA calculations (Page 5.2-55a deleted due to text revision on 5.2-55 and 5.2-56)	0108	63
5.2.5		5. 2- 57	Edit	Correct FSAR section cross reference	N/A	62
5.2.5		5. 2- 57	Correct	Corrected name of SG blowdown discharge monitor	0484	63
5.2.5		5. 2- 57	Edit	Typographical error	N/A	63
5.2.5		5. 2- 58	Revision	Revised to reflect results of revised modeling and methodology in TVA calculations and to establish a basis for assumed coolant activities	0484	63
5.2.5		5. 2- 58	Revision	Revised to reflect results of revised modeling and methodology in TVA calculations and are based on expected coolant activities	0108	63
5.2.5		5. 2- 59	Edit	Reworded cross-reference to Section 11.4 for description of containment monitors	0484	63
5.2.5		5. 2- 60	Clarify	Revised to note RG 1.45 compliance	0484	63
5.2.5		5. 2- 61	Clarify	Revised to incorporate refinements from TVA calculation with less conservative baseline assumptions	0484	63
5.2.5		5. 2- 62	Clarify	Deleted statement concerning use of peristaltic chemical feed pump to verify ability of sumps to detect lgpm leakage	N/A	55
5.2.5		5. 2- 63	Edit	Corrected FSAR section cross reference	N/A	62
5.2.4		5. 2- 64	Clarify	Clarify inservice inspection of ASME components and to reference code cases used in preservice and inservice inspection programs (supersedes package 0549 revision)	0468	63
5.2.5		5. 2- 64	Edit	Corrected FSAR section cross reference	N/A	62
5.2.4		5. 2- 64	Revision	Clarify inservice inspection of ASME components and to reference code cases used in preservice and inservice inspection programs (supersedes package 0549)	0510	63
5.2.4		5. 2- 65	Edit	Page deleted due to text revisions from package 468 and reformatting	N/A	63
5.2.4		5. 2- 65	Edit	Page deleted due to text revisions from package 468 and reformatting	0468	63
5.2.4		5. 2- 66	Clarify	Clarify inservice inspection of ASME components and to reference code cases used in preservice and inservice inspection programs	0468	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
5.2.4		5. 2- 66	Clarify	Clarify inservice inspection of ASME components and to reference code cases used in preservice and inservice inspection programs	0510	63
5.2.4		5. 2- 68	Clarify	Clarify inservice inspection of ASME components and to reference code cases used in preservice and inservice inspection programs	0468	63
5.2.4		5. 2- 69	Clarify	Clarify inservice inspection of ASME components and to reference code cases used in preservice and inservice inspection programs	0468	63
5.2		5. 2- 70	Edit	Typographical errors	0508	63
5.3		5. 3- 1	Correct	Corrected to remove inaccurate section and table references and to provide Tech Spec reference	0108	63
5.4.1		5. 5- 2	Clarify	Clarified RCP vibration pickup and monitor systems	0108	63
5.4.1		5. 5- 3	Clarify	Clarified RCP vibration pickup and monitor systems	0108	63
5.4.1		5. 5- 6	Revision	Revised minimum differential pressure across RCP seal from 275 to 200 PSI for controlled leakage. Minimum pressure in primary loop for RCP operation also reduced from 400 to 325 psig	N/A	56
5.4.1		5. 5- 6	Clarify	Clarified primary loop pressure parameters for RCS during filling and venting.	0108	63
5.4.1		5. 5- 9	Add	Added section "Discharge Nozzle Weir" Section 5.5.1.3.15	N/A	62
5.4.1		5. 5- 9	Correct	Corrected temperature parameter for air passing through motor air cooler	N/A	56
5.4.1		5. 5- 10	Edit	Revised due to additional material rolling from previous page revisions. No technical revisions.	N/A	62
5.4.2		5. 5- 11	Clarify	Clarified design description of steam generators	0510	63
5.4.2		5. 5- 14	Clarify	Added discussion of primary water stress corrosion cracking and effects	0510	63
5.4.2		5. 5- 14a	Edit	Page added due to text addition on page 5.5-14	N/A	63
5.4		5. 5- 18	Revision	Revised to reflect elimination of RTD Bypass loop	0511	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
5.4		5. 5- 20	Revision	Revised to reflect elimination of RTD Bypass loop	0511	63
5.4		5. 5- 21	Revision	Revised to reflect elimination of RTD Bypass loop	0511	63
5.4		5. 5- 22	Revision	Revised to reflect elimination of RTD Bypass loop	0511	63
5.4		5. 5- 22	Clarify	Clarified discussion of sample lines and connections	0108	63
5.4		5. 5- 23	Clarify	Clarified contaminant control for RCS	0108	63
5.4		5. 5- 24	Revision	Revised to reflect elimination of RTD Bypass loop	0511	63
5.3.3		5. 5- 25a	Revision	Revised to reflect deletion of UHI system	0481	63
5.3.3		5. 5- 25c	Revision	Revised to reflect deletion of UHI system	0481	63
5.4.3		5. 5- 29	Revision	Revised RHR pump discharge values for miniflow acuation	N/A	55
5.4.3		5. 5- 29	Clarify	Delete incorrect discussion of miniflow loop	0108	63
5.2.2		5. 5- 33	Revision	Revised RHR inlet isolation valve setpoint values per DBVP	0518	63
5.4		5. 5- 44	Edit	Revised Chapter 16 to tech specs	N/A	60
5.4		5. 5- 45	Edit	Typographical error	0108	63
5.4		5. 5- 46	Revision	Corrected page due to previous error in amendment preparation.	N/A	55
5.4		5. 5- 46	Edit	Typographical error	0108	63
5.3.2		5. 6- 2	Revision	Revised to reflect elimination of RTD Bypass loop and utilization of Eagle 21 system electronics	0523	63
5.3.2		5. 6- 2	Revision	Revised to reflect elimination of RTD Bypass loop and utilization of Eagle 21 system electronics	0511	63
5.3.2		5. 6- 2	Revision	Revised to reflect elimination of RTD Bypass loop and utilization of Eagle 21 system electronics	0108	63
5.3.2		5. 6- 3	Revision	Revised to reflect elimination of RTD Bypass loop and utilization of Eagle 21 system electronics	0511	63
5.3.2		5. 6- 3	Revision	Revised to reflect elimination of RTD Bypass loop and utilization of Eagle 21 system electronics	0523	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
5.3.2		5. 6- 3	Revision	Revised to reflect elimination of RTD Bypass loop and utilization of Eagle 21 system electronics	0108	63
5.3.2		5. 6- 5	Revision	Revised to reflect elimination of RTD Bypass loop and utilization of Eagle 21 system electronics	0511	63
** Chapter: 6						
6.1.1		6. 1- 2	Correct	Deleted reference to boron injection tank since Amendment 55 deleted the paragraph description following to reflect the change in BIT function.	N/A	63
6.1.1		6. 1- 3	Revision	Revised boron concentration and pH level associated with ice condenser/sump	0513	63
6.1.1		6. 1- 3	Revision	Deleted description of BIT to reflect modification of BIT function	N/A	55
6.1.3		6. 1- 5	Revision	Changed to reflect UHI removal and upflow/downflow conversion	0483	63
6.1.3		6. 1- 5	Edit	Correct typographical and grammatical errors	0508	63
6.1.3		6. 1- 5	Revision	Revised to accurately reflect LiOH concentration in RCS	N/A	55
6.1.3		6. 1- 5	Revision	Changed to reflect UHI removal and upflow/downflow conversion	0481	63
6.1.3		6. 1- 5	Clarify	Removed statement about exceeding boron limit for mode 6	56	63
6.1.3		6. 1- 6	Edit	Correct typographical and grammatical errors	0508	63
6.1.2		6. 1- 6	Revision	Changed to reflect UHI removal and upflow/downflow conversion	0483	63
6.1.2		6. 1- 6	Edit	Corrected typographical and format errors	0508	63
6.1.2		6. 1- 6	Edit	Corrected wording to "it is TVA's position" to clarify proper intent.	0109	63
6.2.1	F	6. 2. 1- 1	Correct	Replaced pressure vs. time figure to reflect revised text	N/A	55
6.2.1	T	6. 2. 1- 1	Edit	Corrected typographical and editorial errors	N/A	55
6.2.1	F	6. 2. 1- 2	Correct	Replaced pressure vs. time figure to reflect revised text	N/A	55
6.2.1	T	6. 2. 1- 2	Correct	Revised time periods to reflect text changes	N/A	55
6.2.1	F	6. 2. 1- 3	Correct	Replaced sump temperature transient curves to reflect text changes	N/A	55

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
6.2.1	T	6. 2. 1- 3	Correct	Revised time periods to reflect text changes	N/A	55
6.2.1	F	6. 2. 1- 4	Correct	Added ice melt transient curve to reflect revised text	N/A	55
6.2.1	T	6. 2. 1- 4	Correct	Revised energy balance numbers to reflect updated text changes	N/A	55
6.2.1	F	6. 2. 1- 4A	Correct	Added ice mass vs. pressure curve to reflect text changes	N/A	55
6.2.1		6. 2. 1- 6	Revision	Reflect change in time for containment sprays the usage and associated analysis	N/A	55
6.2.1		6. 2. 1- 6	Revision	Changed to reflect reduced amount of nitrogen used in calculations	N/A	55
6.2.1		6. 2. 1- 6	Revision	Changed to reflect reduced ice weight in ice condenser	N/A	55
6.2.1		6. 2. 1- 7	Revision	Modified input assumption and results - LOTIC analysis for pump section pipe rupture case (containment pressure calculation)	N/A	55
6.2.1	T	6. 2. 1- 13	Correct	Revised ice weight to reflect text changes - stated ice weight is the minimum value rather than the Tech Spec value and this change will be made in Amendment 65.	0487	63
6.2.1	T	6. 2. 1- 13	Edit	Corrected format	0109	63
6.2.1		6. 2. 1- 16	Edit	Correct typographical errors	0519	63
6.2.1		6. 2. 1- 16	Edit	Corrected formula (1) and added definition of Ra.	0109	63
6.2.1		6. 2. 1- 18	Revision	Revised containment volume numbers used to calculate volume compression ratio	0508	63
6.2.1		6. 2. 1- 25	Edit	Correct typographical errors, units that were left out	N/A	55
6.2.1		6. 2. 1- 28a	Clarify	Clarify the description of containment pressure differentials (S/G comp)	0465	63
6.2.1		6. 2. 1- 31	Edit	Corrected typographical and editorial errors	0519	63
6.2.1		6. 2. 1- 34	Revision	Changed to reflect ice condenser ice weight reduction	0487	63
6.2.1		6. 2. 1- 46	Edit	Added reference (13) WCAP-7709-P-A and WCAP-7820-A	0465	63
6.2.2	F	6. 2. 2- 1	Correct	Revised figure to show update of instrumentation of CSS	N/A	56
6.2.2		6. 2. 2- 8	Clarify	Revised to clarify that manual actuation of CSS was external to main control room not that it was just from the Aux. Control Room	0522	63

## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
6.2.2		6. 2. 2- 9	Clarify	Revised to clarify that manual actuation of CSS was external to main control room not that it was just from the Aux. Control Room	0522	63
6.2.3	T	6. 2. 3- 1	Correct	Revised table to reflect previous text changes	N/A	56
6.2.3	T	6. 2. 3- 1	Revision	Revised ABSCE leakrate number	0460	63
6.2.3	T	6. 2. 3- 1	Edit	Corrected editorial error on I.D. post accident operation (ABSCE) footnote reference.	0109	63
6.2.3		6. 2. 3- 3	Edit	Corrected typographical errors	0508	63
6.2.3		6. 2. 3- 4	Edit	Changed and deleted reference to TS	0465	63
6.2.3		6. 2. 3- 4	Revision	Changed to reflect modification to containment leakage rates	N/A	56
6.2.3		6. 2. 3- 4	Edit	Modified reference to TS	N/A	60
6.2.3		6. 2. 3- 5	Edit	Correct typographical errors	0508	63
6.2.3		6. 2. 3- 6	Edit	Correct typographical errors	0508	63
6.2.3		6. 2. 3- 6	Correct	Revised ABSCE free volume percentage to be consistent with change in flow rate	0460	63
6.2.3		6. 2. 3- 6	Revision	Modified infiltration rate into ABSEC	N/A	56
6.2.3		6. 2. 3- 6a	Correct	Corrected FSAR figure numbers	N/A	55
6.2.3		6. 2. 3- 6a	Edit	Corrected typographical errors	0508	63
6.2.3		6. 2. 3- 6b	Clarify	Clarified the event generating the phase A containment isolation signal	N/A	55
6.2.3		6. 2. 3- 6b	Edit	Corrected typographical errors	0508	63
6.2.3	F	6. 2. 3- 11	Edit	Correct typographical errors	N/A	55
6.2.3	F	6. 2. 3- 11	Correct	Change to reflect as-built design	N/A	56
6.2.3		6. 2. 3- 13	Edit	Correct typographical errors	0508	63
6.2.3		6. 2. 3- 14	Revision	Deleted the reference to specific annular region residence time	N/A	56
6.2.3	F	6. 2. 3- 17	Revision	Updated to reflect revised post accident annulus press/flow transient	N/A	56
6.2.3	F	6. 2. 3- 19	Correct	Figure updated to reflect as-built conditions	0470	63
6.2.3		6. 2. 3- 20	Revision	Revised assumed outside air inleakage into Shield Building	N/A	56

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
6.2.3		6. 2. 3- 20a	Revision	Revised timing and flow data obtained in Shield Bldg pressure analysis	N/A	56
6.2.3		6. 2. 3- 21	Revision	Revised primary containment expansions and peak pressure	N/A	56
6.2.3		6. 2. 3- 24	Revision	Revised infiltration rate into ABSCE	N/A	56
6.2.3		6. 2. 3- 24	Edit	Corrected typographical error	0109	63
6.2.3		6. 2. 3- 26	Edit	Corrected reference to T/S	N/A	55
6.2.3		6. 2. 3- 26	Revision	Revised Shield Building inleakage rate	N/A	56
6.2.3		6. 2. 3- 26	Revision	Revised infiltration rate into ABSCE	N/A	56
6.2.3		6. 2. 3- 26	Edit	Corrected reference to T/S	N/A	60
6.2.3		6. 2. 3- 26	Revision	Deleted requirement to verify Shield Building inleakage rate be corrected to 0 degree F to reflect as-designed conditions.	0109	63
6.2.4		6. 2. 4- 1	Correct	Removed statement "required to operate post accident" (fluid lines)	N/A	56
6.2.4	T	6. 2. 4- 1 SH 2	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 3	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 4	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 5	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 5	Correct	Changed to reflect as-built configuration	0524	63
6.2.4	T	6. 2. 4- 1 SH 5	Correct	Changed to reflect as-built configuration	0470	63
6.2.4	T	6. 2. 4- 1 SH 5	Correct	Changed to reflect as-built configuration	0460	63
6.2.4	T	6. 2. 4- 1 SH 5	Correct	Changed to reflect as-built configuration	N/A	55
6.2.4	T	6. 2. 4- 1 SH 8	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 9	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 10	Correct	Changed to reflect as-built configuration	0524	63
6.2.4	T	6. 2. 4- 1 SH 10	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 11	Correct	Changed to reflect as-built configuration	0524	63
6.2.4	T	6. 2. 4- 1 SH 11	Correct	Changed to reflect as-built configuration	0470	63
6.2.4	T	6. 2. 4- 1 SH 11	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 12	Correct	Changed to reflect as-built configuration	N/A	56

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
6.2.4	T	6. 2. 4- 1 SH 12	Correct	Changed to reflect as-built configuration	N/A	55
6.2.4	T	6. 2. 4- 1 SH 13	Correct	Changed to reflect as-built configuration	N/A	55
6.2.4	T	6. 2. 4- 1 SH 13	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 14	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 15	Correct	Changed to reflect as-built configuration	0460	63
6.2.4	T	6. 2. 4- 1 SH 15	Correct	Changed to reflect as-built configuration	0524	63
6.2.4	T	6. 2. 4- 1 SH 15	Correct	Changed to reflect as-built configuration	N/A	55
6.2.4	T	6. 2. 4- 1 SH 15	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 16	Correct	Changed to reflect as-built configuration	0470	63
6.2.4	T	6. 2. 4- 1 SH 16	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 18	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 20	Correct	Changed to reflect as-built configuration	0460	63
6.2.4	T	6. 2. 4- 1 SH 20	Correct	Changed to reflect as-built configuration	0524	63
6.2.4	T	6. 2. 4- 1 SH 20	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 21	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 21	Correct	Changed to reflect as-built configuration	0470	63
6.2.4	T	6. 2. 4- 1 SH 21	Correct	Changed to reflect as-built configuration	0524	63
6.2.4	T	6. 2. 4- 1 SH 22	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 23	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 25	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 25	Correct	Changed to reflect as-built configuration	0524	63
6.2.4	T	6. 2. 4- 1 SH 26	Correct	Changed to reflect as-built configuration	0470	63
6.2.4	T	6. 2. 4- 1 SH 26	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 27	Correct	Added data for previously omitted containment penetration and corrected drawing number	0508	63
6.2.4	T	6. 2. 4- 1 SH 30	Correct	Changed to reflect as-built configuration	N/A	58
6.2.4	T	6. 2. 4- 1 SH 30	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 30	Correct	Changed to reflect as-built configuration	0524	63
6.2.4	T	6. 2. 4- 1 SH 30	Correct	Changed to reflect as-built configuration	0465	63

FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
6.2.4	T	6. 2. 4- 1 SH 30	Correct	Changed to reflect as-built configuration	0460	63
6.2.4	T	6. 2. 4- 1 SH 31	Correct	Changed to reflect as-built configuration	0470	63
6.2.4	T	6. 2. 4- 1 SH 31	Correct	Changed to reflect as-built configuration	N/A	56
6.2.4	T	6. 2. 4- 1 SH 34	Correct	Changed to reflect as-built configuration	0470	63
6.2.4	T	6. 2. 4- 1 SH 35	Correct	Changed to reflect as-built configuration	N/A	55
6.2.4	T	6. 2. 4- 2 SH 6	Correct	Changed to reflect as-built configuration	0470	63
6.2.4	T	6. 2. 4- 2 SH 6	Edit	Corrected typographical errors	0109	63
6.2.4		6. 2. 4- 7	Edit	Corrected section number	0508	63
6.2.4	F	6. 2. 4- 8	Correct	Changed to reflect as-built configuration	0524	63
6.2.4		6. 2. 4- 12a	Correct	Reflect deletion of UHI lines	0470	63
6.2.4		6. 2. 4- 13	Edit	Correct formating errors	N/A	62
6.2.4		6. 2. 4- 13	Correct	Revised to reflect as-built configuration	N/A	56
6.2.4		6. 2. 4- 13	Edit	Revised format to help clarify the three design criteria exceptions	N/A	55
6.2.4		6. 2. 4- 13	Edit	Correct typographical errors	0508	63
6.2.4		6. 2. 4- 13a	Edit	Delete reference to T/S	0465	63
6.2.4		6. 2. 4- 13a	Edit	Revise reference to T/S	N/A	62
6.2.4		6. 2. 4- 13a	Edit	Add description of pressure boundary valve leak rate test line isolation valves	N/A	55
6.2.4	F	6. 2. 4- 21	Correct	Changed to reflect as-built configuration	0470	63
6.2.4	F	6. 2. 4- 22CC	Correct	Changed to reflect as-built configuration	0524	63
6.2.4	F	6. 2. 4- 22FF	Correct	Changed to reflect as-built configuration	0470	63
6.2.4	F	6. 2. 4- 22GG	Correct	Changed to reflect as-built configuration	0524	63
6.2.4	F	6. 2. 4- 22N	Correct	Deleted	0470	63
6.2.4	F	6. 2. 4- 22O	Correct	Changed to reflect as-built configuration	0524	63
6.2.4	F	6. 2. 4- 22V	Correct	Changed to reflect as-built configuration	0470	63
6.2.5		6. 2. 5- 1	Clarify	Changed to clarify hydrogen recombiner requirements		55
6.2.5		6. 2. 5- 1	Correct	Added description to address hydrogen monitoring for completeness.	0109	63
6.2.5		6. 2. 5- 1	Clarify	Correct typographical error and rearranged paragraphs and clarified wording relating to hydrogen sampling system requirements	0109	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
6.2.5		6. 2. 5- 2	Clarify	Changed to clarify hydrogen recombiner design requirements	N/A	55
6.2.5		6. 2. 5- 2	Correct	Make hydrogen concentration consistent with tables (affected paragraph was moved from page 6.2.5-4 to page 6.2.5-2 by Package 109.)	0500	63
6.2.5	F	6. 2. 5- 2	Correct	Deleted hydrogen purge system logic and control to reflect as-built design	N/A	62
6.2.5	T	6. 2. 5- 2 SH 1	Correct	Change to describe as-built design of containment gas monitoring system	N/A	55
6.2.5	T	6. 2. 5- 2 SH 2	Correct	Change to describe as-built design of containment gas monitoring system	N/A	55
6.2.5	T	6. 2. 5- 2 SH 3	Correct	Change to describe as-built design of containment gas monitoring system	N/A	55
6.2.5		6. 2. 5- 4	Clarify	Changed to clarify hydrogen recombiner requirements	N/A	58
6.2.5		6. 2. 5- 4	Clarify	Changed to clarify hydrogen recombiner requirements	N/A	55
6.2.5		6. 2. 5- 5	Clarify	Clarify discription of duct for S/G and pressurizer compts	0530	63
6.2.5		6. 2. 5- 5	Revision	Deleted discussion on hydrogen purge system	N/A	55
6.2.5		6. 2. 5- 5	Revision	Deleted discussion on hydrogen purge system	N/A	58
6.2.5		6. 2. 5- 5	Edit	Changed "housing" to "intake" for clarty and deleted hydrogen mitigation system reference that was a repeat from page 6.2.5-1.	0109	63
6.2.5		6. 2. 5- 6	Clarify	Change to clarify hydrogen combiner design	N/A	55
6.2.5		6. 2. 5- 7	Add	Added description of hydrogen mitigation system	N/A	55
6.2.5		6. 2. 5- 7	Clarify	Delete excess words associated with weights of various material in hydrogen recombiner	0518	63
6.2.5	F	6. 2. 5- 7	Add	Added figures to support description of hydrogen mitigation system	N/A	55
6.2.5		6. 2. 5- 8	Add	Add description of hydrogen mitigation system	N/A	55
6.2.5		6. 2. 5- 9	Correct	Change to reflect testing program which developed acceptance criteria for surveillance testing of hydrogen mitigation system	N/A	56
6.2.5		6. 2. 5- 9	Add	Add description of hydrogen mitigation system	N/A	55
6.2.5	F	6. 2. 5A- 1	Add	Added figures to support description of hydrogen mitigation system	N/A	55

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
6.2.5	F	6. 2. 5A- 2	Add	Added figures to support description of hydrogen mitigation system	N/A	55
6.2.5	F	6. 2. 5A- 3	Add	Added figures to support description of hydrogen mitigation system	N/A	55
6.2.5	F	6. 2. 5A- 4	Add	Added figures to support description of hydrogen mitigation system	N/A	55
6.2.5	F	6. 2. 5a- 5	Add	Added figures to support description of hydrogen mitigation system	N/A	55
6.2.6	T	6. 2. 6- 1 SH 3	Revision	Delete UHI penetrations	0481	63 77195
6.2.6	T	6. 2. 6- 2a SH 3	Correct	Changed to reflect as-built design	N/A	55
6.2.6	T	6. 2. 6- 2a SH 8	Revision	Revised to reflect changes associated with UHI removal.	0470	63 77195
6.2.6	T	6. 2. 6- 2a SH 9	Correct	Changed to reflect as-built design	N/A	55
6.2.6	T	6. 2. 6- 2b SH 3	Revision	Revised to reflect changes associated with UHI removal	0470	63 77195
6.2.6		6. 2. 6- 3	Edit	Correct typographical errors	N/A	55 ok
6.2.6	T	6. 2. 6- 3 SH 1	Correct	Changed to reflect as-built design	N/A	55
6.2.6	T	6. 2. 6- 3 SH 2	Correct	Changed to reflect as-built design	N/A	55
6.2.6	T	6. 2. 6- 3 SH 3	Correct	Changed to reflect as-built design	N/A	55
6.2.6	T	6. 2. 6- 3 SH 4	Correct	Changed to reflect as-built design	N/A	55
6.2.6	T	6. 2. 6- 3 SH 5	Correct	Changed to reflect as-built design	N/A	55
6.2.6	T	6. 2. 6- 3 SH 5	Revision	Revised to reflect changes associated with UHI removal	0470	63 77195
6.2.6		6. 2. 6- 4	Edit	Correct section numbers	0508	63
6.3		6. 3- 1	Correct	Deleted reference to specific T/S section	N/A	55
6.3	F	6. 3- 1 SH 1	Correct	Corrected to reflect change in BIT function and as-built design	0478	63 63621
6.3	T	6. 3- 1 SH 1	Correct	Revised to reflect as-built design	N/A	55
6.3	T	6. 3- 1 SH 1	Revision	Deletion based on UHI removal	0470	63 77195
6.3	T	6. 3- 1 SH 1	Revision	Corrected cold leg accumulator pressure parameters to reflect WBN design.	0109	63
6.3	F	6. 3- 1 SH 2	Correct	Corrected to reflect change in BIT function and as-built design.	0478	63 63621
6.3	T	6. 3- 1 SH 2	Correct	Revised to reflect as-built design	N/A	55

FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
6.3	T	6. 3- 1 SH 2	Revision	Deletion based on UHI removal	0470	63
6.3	T	6. 3- 1 SH 3	Correct	Revised to reflect change in BIT funtion	N/A	55
6.3	T	6. 3- 1 SH 3	Revision	Deletion based on UHI removal	0470	63
6.3	T	6. 3- 1 SH 4	Revision	Deletion based on UHI removal	0470	63
6.3		6. 3- 2	Correct	Delete reference to figure to reflect removal of UHI	0470	63
6.3	T	6. 3- 2 SH 1	Revision	Deletion based on UHI removal	0470	63
6.3	T	6. 3- 3a SH 2	Correct	Revised to reflect as-built design	N/A	55
6.3		6. 3- 4	Revision	Deletion based on UHI removal	0470	63
6.3	T	6. 3- 4	Revision	Deletion based on UHI removal	0470	63
6.3	T	6. 3- 4	Correct	Revised to reflect as-built design	N/A	55
6.3	T	6. 3- 4	Revision	Corrected RWST volume and cold leg accumulator pressure to reflect WBN design. Made editorial correction.	0109	63
6.3		6. 3- 5	Revision	Deletion based on UHI removal	0470	63
6.3	T	6. 3- 5	Revision	Deletion based on UHI removal	0470	63
6.3	F	6. 3- 5 SH 1	Revision	Removed to reflect deletion of UHI	0470	63
6.3	F	6. 3- 5 SH 2	Revision	Removed to reflect deletion of UHI	0470	63
6.3		6. 3- 6	Clarify	Changed to improve description on charging pump mini-flow	N/A	56
6.3	F	6. 3- 6	Correct	Revised to reflect the as-built design of containment sump	N/A	62
6.3	T	6. 3- 7	Correct	Revised to reflect as-built design	N/A	55
6.3	T	6. 3- 7	Revision	Deletion based on UHI removal	0470	63
6.3	T	6. 3- 7	Correct	Corrected to reflect change in BIT function.	0109	63
6.3	T	6. 3- 8 SH 1	Revision	Deletion based on UHI removal	0470	63
6.3	T	6. 3- 8 SH 1	Correct	Corrected to reflect change in BIT function.	0109	63
6.3	T	6. 3- 8 SH 2	Edit	Correct editorial errors	0470	63
6.3		6. 3- 9	Revision	Deletion based on UHI removal	0470	63
6.3		6. 3- 10	Revision	Deletion based on UHI removal	0470	63
6.3		6. 3- 10	Clarify	Clarify the description of UHI isolation valves function	N/A	55

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
6.3	T	6. 3- 10	Edit	Correct editorial errors	N/A	55
6.3	T	6. 3- 10 SH 1	Correct	Revised to reflect as-built design	N/A	56
6.3		6. 3- 11	Revision	Deletion based on UHI removal	0470	63
6.3		6. 3- 12	Revision	Deletion based on UHI removal	0470	63
6.3		6. 3- 12	Edit	Correct typographical errors	0508	63
6.3		6. 3- 13	Edit	Deleted ref to chapter 16 as relating to T/S	N/A	55
6.3		6. 3- 14	Edit	Correct editorial errors	N/A	55
6.3		6. 3- 14	Edit	Correct editorial errors	N/A	63
6.3		6. 3- 14	Revision	Deletion based on UHI removal	0470	63
6.3		6. 3- 15	Revision	Deletion based on UHI removal	0470	63
6.3		6. 3- 15	Edit	Correct editorial errors and revise figure reference	N/A	55
6.3		6. 3- 15	Edit	Correct editorial errors and revise figure reference	N/A	56
6.3		6. 3- 15	Revision	Deleted discussion on cold leg accumulator isolation valve being closed during switchover from cold to hot leg recirculation, to reflect WBN design.	0109	63
6.3		6. 3- 16	Revision	Reflect the removal of BIT function	0478	63
6.3		6. 3- 17	Edit	Correct format and editorial errors	N/A	62
6.3		6. 3- 18	Correct	Correct the description of the containment sump to reflect as-built system	N/A	62
6.3		6. 3- 18	Edit	Corrected editorial errors	0109	63
6.3		6. 3- 19	Correct	Correct the description of the containment sump to reflect as-built system	N/A	62
6.3		6. 3- 20	Correct	Correct the description of the containment sump to reflect as-built system	N/A	62
6.3		6. 3- 20	Clarify	Clarified discussion of RCS metallic insulation	0507	63
6.3		6. 3- 20a	Edit	Page added to accept text from previous page.	N/A	63
6.3		6. 3- 23	Revision	Deletion based on UHI removal	0470	63
6.3		6. 3- 31	Revision	Deletion based on UHI removal	0470	63
6.3		6. 3- 35	Revision	Deletion based on UHI removal	0470	63

## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
6.3		6. 3- 42	Revision	Deletion based on UHI removal	0470	63 77195
6.3		6. 3- 42	Clarify	Deleted "injector" to clarify terminology and intent of statement.	0109	63 ok
6.3		6. 3- 43	Revision	Deletion based on UHI removal	0470	63 77195
6.3		6. 3- 43	Clarify	Deleted "injector" to clarify terminology and intent of statement.	0109	63 ok
6.3		6. 3- 44	Revision	Deletion based on UHI removal	0470	63 77195
6.3		6. 3- 44	Edit	Correct editorial errors	0109	63 ok
6.4		6. 4- 6	Edit	Correct typographical errors	0508	63 ok
6.4		6. 4- 6	Revision	Removed chlorine from actuation of MCRHS isolation	N/A	56 63635
6.4		6. 4- 6	Edit	Correct typographical errors	0508	63 ok
6.3		6. 4- 6	Edit	Revised discription of smoke detector function to clarify wording intent.	0109	63 ok
6.4		6. 4- 7	Revision	Removed reference to chlorine detectors to reflect removal of this function	N/A	56 63635
6.4		6. 4- 9	Edit	Correct typographical errors	0508	63 ok
6.4		6. 4- 9	Edit	Correct typographical errors	0508	63 ok
6.4		6. 4- 9	Clarify	Added clarifying discussion of chemical storage at potable water plant	N/A	56 ok
6.4		6. 4- 9	Clarify	Modified discussion of potable water supply to reflect the ownership of Watts Bar utility district and the storage of small quantities of chlorine. Deleted reference to specified barge traffic products.	0109	63 ok
6.4		6. 4- 10	Revision	Deleted reference to chlorine and its onsite storage	N/A	56 63635
6.4		6. 4- 10	Edit	Correct typographical errors	0508	63 ok
6.4		6. 4- 10	Edit	Correct typographical errors	0508	63 ok
6.4		6. 4- 10	Clarify	Deleted reference to specific barge traffic products and improved reference to FSAR Section 2.2.2.2 for appropriate information.	0109	63 ok
6.4		6. 4- 11	Revision	Deleted reference to chlorine detectors in Control Bldg intakes	N/A	56 63635
6.4		6. 4- 11	Edit	Correct typographical error	0109	63 ok
6.4		6. 4- 12	Revision	Deleted reference to chlorine sensors	N/A	56 63635

## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
6.5.1		6. 5- 1	Edit	Corrected typographical and editorial errors	N/A	56
6.5.1		6. 5- 1	Add	Added descriptions of Rx Bldg purge system design bases	N/A	55
6.5.1	T	6. 5- 1 SH 1	Correct	Changed to match as-built design	0485	63
6.5.1	T	6. 5- 1 SH 1	Correct	Changed to match as-built design	0521	63
6.5.1	T	6. 5- 1 SH 2	Correct	Changed to match as-built design	0508	63
6.5.1	T	6. 5- 1 SH 2	Correct	Changed to match as-built design	0485	63
6.5.1	T	6. 5- 1 SH 2	Correct	Changed to match as-built design	0521	63
6.5.1		6. 5- 2	Edit	Corrected editorial error	N/A	55
6.5.1	T	6. 5- 2 SH 1	Correct	Changed to match as-built design	0485	63
6.5.1	T	6. 5- 2 SH 1	Correct	Changed to match as-built design	0521	63
6.5.1	T	6. 5- 2 SH 2	Correct	Changed to match as-built design	0521	63
6.5.1	T	6. 5- 2 SH 2	Correct	Changed to match as-built design	0485	63
6.5.1	T	6. 5- 3 SH 1	Correct	Changed to match as-built design	0485	63
6.5.1	T	6. 5- 3 SH 1	Correct	Changed to match as-built design	0521	63
6.5.1	T	6. 5- 3 SH 1	Add	Table added by Amendment 55	N/A	55
6.5.1	T	6. 5- 3 SH 2	Correct	Changed to match as-built design	0521	63
6.5.1	T	6. 5- 3 SH 2	Correct	Changed to match as-built design	0485	63
6.5.1	T	6. 5- 3 SH 2	Add	Table added by Amendment 55	N/A	55
6.5.1	T	6. 5- 3 SH 3	Correct	Changed to match as-built design	0485	63
6.5.1	T	6. 5- 3 SH 3	Correct	Changed to match as-built design	0521	63
6.5.1	T	6. 5- 3 SH 3	Add	Table added by Amendment 55	N/A	55
6.5.1	T	6. 5- 4 SH 1	Correct	Changed to match as-built design	0485	63
6.5.1	T	6. 5- 4 SH 1	Correct	Changed to match as-built design	0521	63
6.5.1	T	6. 5- 4 SH 2	Correct	Changed to match as-built design	0521	63
6.5.1	T	6. 5- 4 SH 3	Correct	Changed to match as-built design	0521	63
6.5.1	T	6. 5- 4 SH 3	Correct	Changed to match as-built design	0485	63
6.5.1		6. 5- 5	Add	Added design description of Rx Bldg purge system cleanup units	N/A	55
6.5.1	T	6. 5- 5	Correct	Changed to match as-built design	N/A	55

FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
6.5.1	T	6. 5- 5	Correct	Changed to match as-built design	0464	63
6.5.1	T	6. 5- 5	Revision	Revised to reflect change in EGTS design requirements.	0555	63
6.5.1		6. 5- 7	Edit	Added section 6.5.1.4.3 with cross-reference to section 9.4.6.4	0508	63
6.5.1		6. 5- 7	Edit	Correct editorial errors	N/A	63
6.5.1		6. 5- 7	Edit	Corrected editorial error	N/A	60
6.5.1		6. 5- 8	Edit	Make editorial correction to section number and other errors	0508	63
6.5.1		6. 5- 8	Edit	Make editorial correction to section number and other errors	0465	63
6.5.1	T	6. 5- 8 SH 1	Correct	Changed to match as-built design	NA	56
6.5.1		6. 5- 9	Revision	Deleted reference to high temperature cutoff on Rx Bldg purge system cleanup unit heater	0530	63
6.5.1		6. 5- 9	Correct	Changed to match the as-built design	NA	56
6.5.1		6. 5- 9	Correct	Change to match the as-built gamma dose design specifications	0500	63
6.5.1		6. 5- 9	Edit	Changed to provide proper section reference	NA	60
6.5.1		6. 5- 10	Edit	Correct typographical errors	0508	63
6.5.3		6. 5- 11	Add	Adds description of containment isolation functions	0513	63
6.5.3		6. 5- 11a	Edit	Page added to accept text from previous page.	N/A	63
6.5.3		6. 5- 12	Correct	Deleted reference to residence times associated with the annulus which was out of place	NA	56
6.5.4		6. 5- 13	Clarify	Provides a clearer description of the ice bed function	0513	63
6.6		6. 6- 1	Clarify	Provides clarification for inservice inspecting ASME component/reference code cases	0468	63
6.6	F	6. 6- 1	Edit	Figure deleted to resolve cross-reference errors	NA	62
6.6		6. 6- 2	Clarify	Provides clarification for inservice inspecting ASME component/reference code cases	0465	63
6.6		6. 6- 2	Clarify	Provides clarification for inservice inspecting ASME component/reference code cases	0471	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.	
6.6		6. 6- 2	Clarify	Provides clarification for inservice inspecting ASME component/reference code cases	0468	63	76881
6.6		6. 6- 1	Clarify	Provides clarification for inservice inspecting ASME component/reference code cases	0510	63	
5.2.4		6. 6- 2	Clarify	Provides clarification for inservice inspecting ASME component/reference code cases	0510	63	
6.6		6. 6- 2	Clarify	Provides clarification for inservice inspecting ASME component/reference code cases	0510	63	
6.2		6. 7- 15	Edit	Correct cross-reference error	N/A	60	ok
6.2		6. 7- 17	Correct	Changed to reflect as-built design and analysis	0468	63	
6.2	T	6. 7- 18 SH 2	Correct	Revised ice bed minimum ice weight to reflect current design requirements.	0109	63	63620
6.2		6. 7- 25	Correct	Changed to reflect as-built design and analysis	0487	63	ok
6.2		6. 7- 81	Correct	Corrected to show the proper location of door position display	N/A	62	
6.2		6. 7- 82	Edit	No revision to page - submitted as front/back page of 6.7-81	N/A	62	
6.2	F	6. 8- 1	Edit	Figure deleted to resolve cross-reference errors	N/A	62	
6.2		6. 8- 2	Correct	Changed to reflect as-built design and analysis	0518	63	
6.2		6. 8- 2	Clarify	Clarified wording on operation of containment air return fans.	0109	63	
** Chapter: 7 7.2	F	7. 1- 1	Clarify	Block diagram of RPS revised to reflect protection instrumentation nomenclature	0511	63	
7.1.1	T	7. 1- 1 SH 1	Revision	Reflects design change to implement BISI	N/A	56	77136
7.1.3	T	7. 1- 1 SH 2	Revision	Provides criteria for software (e.g. Eagle 21)	0511	63	63599
7.1.3	T	7. 1- 1 SH 2	Edit	Corrected references to other FSAR sections and corrected pertinent regulatory guide titles and titles of standards	0110	63	ok
7.1.3	T	7. 1- 1 SH 6	Revision	Revises WBN compliance schedule for RG 1.47 to fuel load	0530	56	77136

## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
7.1.3	T	7. 1- 1 SH 6	Revision	Commits WBN to RG 1.47 (BISI)	N/A	63 77136
7.1.3	T	7. 1- 1 SH 6	Clarify	Clarifies compliance to R.G. 1.89	0110	63
7.1.3	T	7. 1- 1 SH 6	Revision	Clarifies compliance to R.G. 1.152 criteria for software (Eagle 21)	0110	63 ok
7.6.3	T	7. 1- 2 SH 3	Revision	Reflects deletion of UHI	0481	63 77195
7.2	T	7. 1- 3	Add	Summarizes digital & analog RPS channels	0511	63
7.2	T	7. 1- 3	Add	Revised table title	0110	63 ok
7.1.1	F	7. 1- 3 SH 1	Clarify	Adds legend to figure	0514	63
7.1.1		7. 1- 5	Revision	Reflects design change to implement BISI	N/A	56 77136
7.1.1		7. 1- 5	Add	Added info with regard to digital & analog processing	0511	63
7.1.1		7. 1- 5	Edit	Changed reference from "single line" to "block" diagram	N/A	63 ok
7.1.1		7. 1- 5	Edit	Reworded for clarity	0110	63
7.1.1		7. 1- 6	Clarify	More clearly ref's Figure 7.2-1	0465	63
7.1.1		7. 1- 6	Revision	Reflects design change to implement BISI	N/A	56 77136
7.1.1		7. 1- 6	Edit	Reflects addition of Note 5 to Table 7.1-1	0110	63
7.1.1		7. 1- 6	Clarify	More clearly delineates scope of supply	0110	63
7.1		7. 1- 7	Edit	Typographical errors corrected	0110	63
7.3		7. 1- 9	Clarify	Revised to ref ESFAS logic rather than RPS logic	0465	63
7.3		7. 1- 9	Edit	Revised reference to Figure 7.3-3 (sheets 1-4) and corrected typographical error	0110	63
7.1		7. 1- 10	Edit	Revised to reference FSAR section which provides details on the vital control power supply system	0110	63 ok
7.3		7. 1- 13	Clarify	More clearly specifies "protection" vs "analog" instrumentation	0511	63
7.3		7. 1- 13	Clarify	Specifies applicability of physical separation to PAM Category I equipment	0110	63
7.3		7. 1- 13	Edit	Typographical errors corrected	0110	63
7.1.3		7. 1- 14	Clarify	More clearly describes separation criteria	0511	63
7.1.3		7. 1- 14	Edit	Reworded for clarity	0110	63



## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
7.3		7. 1- 15	Clarify	More clearly specifies " protection" vs "analog" instrumentation	0511	63
7.3		7. 1- 15	Correct	Reworded for clarity and added teflon type K to noncombustible insulation	0110	63
7.3		7. 1- 16	Clarify	Clarifies nomenclature used	0511	63
7.3		7. 1- 16	Edit	Reworded for clarity	0110	63
7.2		7. 2- 1	Clarify	More clearly describes RPS	0511	63
7.2	F	7. 2- 1 SH 3	Update	Previous figure 7.2-1 (Sheet 3), 47W611-99-3, was replaced with new figure 7.2-1 (Sheet 3), 47W611-99-6.	N/A	62
7.2	F	7. 2- 2	Clarify	Revised information to reflect delta-I rather than delta-flux	0511	63
7.2	T	7. 2- 2 SH 2	Clarify	Added details of "presence of P-9" interlock	N/A	55
7.2	T	7. 2- 2 SH 2	Edit	Typographical error corrected	N/A	63
7.2	T	7. 2- 3 SH 1	Clarify	Redefined "Typical Time Response" to "Typical Maximum Time Response"	N/A	55
7.2	T	7. 2- 3 SH 1	Clarify	Deletes specific numbers for accuracy and response time of OT delta T & OP delta T trips til later	0511	63
7.2	T	7. 2- 3 SH 1	Edit	Typographical errors corrected	N/A	63
7.2	T	7. 2- 3 SH 1	Clarify	Deletes specific numbers for accuracy and response time of source range and intermediate range high neutron flux til later.	0110	63
7.0	F	7. 2- 4	Delete	Figures (sheets 1 through 12) deleted from Chapter 7 and are now provided in Chapter 8 as figure series 8.2-8a	0110	63
7.2		7. 2- 5	Revision	Revised OT delta T equation	N/A	55
7.2		7. 2- 5	Correct	Corrected OT delta T equation	0110	63
7.2		7. 2- 5a	Clarify	Page added for reformat of OT delta T equation	0511	63
7.2		7. 2- 5a	Clarify	Reformat of OT delta T equation - previously page 7.2-5	N/A	55
7.2		7. 2- 5a	Correct	Corrected OT delta T equation	0110	63
7.2		7. 2- 6	Revision	Revised OT delta T equation - R0 to verify equation	N/A	55
7.2		7. 2- 6	Clarify	Reformat of OT delta T equation	0511	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
7.2		7. 2- 6	Correct	Corrected OT delta T equation	0110	63
7.2		7. 2- 7	Edit	No change - page break back	N/A	62
7.2		7. 2- 7	Revision	Revised OP delta T equation	N/A	55
7.2		7. 2- 7	Clarify	Reformat of OP delta T equation	0511	63
7.2		7. 2- 7	Correct	Corrected OP delta T equation	0110	63
7.2		7. 2- 8	Clarify	Reformat of OP delta T equation	0511	63
7.2		7. 2- 8	Edit	Editorially revised OP delta T equation and corrected cross-ref discrepancy	N/A	62
7.2		7. 2- 8	Revision	Revised OP delta T equation - RO to verify equation	N/A	55
7.2		7. 2- 8	Edit	Resubmitted inadvertently removed details of low pressurizer pressure trip	N/A	56
7.2		7. 2- 8	Edit	Revised to reflect consistent terminology	0110	63
7.2		7. 2- 8a	Edit	Added cross-references to Figure 7.2-1	N/A	62
7.2		7. 2- 8a	Edit	Resubmitted inadvertently removed additional description of PZR high level, and RCS low flow trip	N/A	56
7.2		7. 2- 9	Edit	Added cross-reference to Figure 7.2-1	N/A	62
7.2		7. 2- 9	Clarify	Clarify requirements for RCP underfrequency trip	N/A	56
7.2		7. 2- 9a	Edit	No change - page back	N/A	62
7.2		7. 2- 10	Edit	Deleted cross-references to Figure 7.2-1	0511	63
7.2		7. 2- 12	Edit	Added cross-references to Figure 7.2-1	N/A	62
7.2		7. 2- 13	Edit	No change - page back	N/A	62
7.2		7. 2- 13a	Revision	Reflects deletion of RTD Bypass	0110	63
7.2		7. 2- 13a	Clarify	0511 package information was superseded by revisions provided in Package 0110.	0511	63
7.2		7. 2- 14	Revision	Reflects deletion of RTD Bypass	0110	63
7.2		7. 2- 14	Clarify	0511 package information was superseded by revisions provided in Package 0110.	0511	63
7.2		7. 2- 15	Clarify	More clearly specifies "protection" vs "analog" instrumentation	0511	63
7.2		7. 2- 15	Edit	No change - page back	N/A	62

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
7.2		7. 2- 16	Edit	Typographical errors corrected	N/A	62
7.2		7. 2- 23	Clarify	More clearly specifies "protection" vs "analog" instrumentation	0511	63
7.2		7. 2- 24	Clarify	More clearly specifies "protection" vs "analog" instrumentation and adds reference [11]	0511	63
7.2		7. 2- 25	Clarify	More clearly dispositions response times	N/A	62
7.2		7. 2- 25	Clarify	More clearly specifies "protection" vs "analog" instrumentation	0511	63
7.2		7. 2- 26	Revision	Reflects deletion of RTD Bypass	0511	63
7.2		7. 2- 26	Edit	No change - page back	N/A	62
7.2		7. 2- 26	Clarify	Revised to clarify man-machine interface capabilities and relay actuations	0110	63
7.2		7. 2- 28	Clarify	More clearly specifies "protection" vs "analog" instrumentation and added reference 11	0511	63
7.2		7. 2- 28	Edit	Reworded for clarity	0110	63
7.2		7. 2- 31	Clarify	More clearly specifies "protection" vs "analog" instrumentation	0511	63
7.2		7. 2- 31	Clarify	Clarified reference to Tech Spec's	0110	63
7.2		7. 2- 32	Clarify	Reflects addition of reference [11]	0511	63
7.2		7. 2- 32	Edit	Typographical error corrected	0110	63
7.2		7. 2- 32	Edit	Clarified operating bypass capabilities	0110	63
7.2		7. 2- 34	Revision	Reflects deletion of RTD Bypass	0110	63
7.2		7. 2- 34	Clarify	Reflects deletion of RTD Bypass	0511	63
7.2		7. 2- 35	Clarify	Gives details on compliance to control and protection system requirements	0511	63
7.2		7. 2- 35	Revision	Reflects deletion of RTD Bypass	0511	63
7.2		7. 2- 39	Edit	No change - page back	N/A	62
7.2		7. 2- 40	Edit	Typographical errors corrected	N/A	62
7.2		7. 2- 41	Edit	Typographical error corrected	N/A	56
7.2		7. 2- 41	Edit	Added ref [11], Internal Westinghouse topical report	0511	63
7.3		7. 3- 1	Edit	Reflects addition of reference [5]	0511	63

## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
7.3	F	7. 3- 1	Clarify	More clearly specifies "protection" vs "analog" instrumentation	0511	63
7.3		7. 3- 2	Clarify	More clearly specifies "protection" vs "analog" instrumentation	0511	63
7.3		7. 3- 2	Edit	Added reference to Figure 7.2-1 (sheets 2 and 3) and corrected typographical error	0110	63
7.3		7. 3- 2	Edit	Typographical error corrected	0110	63
7.3		7. 3- 3	Revision	Reflects deletion of UHI	0470	63
7.3		7. 3- 3	Edit	Typographical error corrected	N/A	60
7.3		7. 3- 3	Edit	Typographical error corrected	0110	63
7.3	F	7. 3- 3 SH 4	Update	General update of TVA drawing 47W611-88-1 from Revision 8 to Revision 11	0470	63
7.3		7. 3- 4	Clarify	More clearly specifies "protection" vs "analog" instrumentation	0511	63
7.3		7. 3- 4	Revision	Reflects deletion of UHI	0470	63
7.3		7. 3- 4	Edit	Typographical error corrected	0110	63
7.3		7. 3- 5	Revision	Reflects deletion of UHI	0470	63
7.3		7. 3- 5	Correct	Revised valve position description to reflect CRDR changes	0110	63
7.3		7. 3- 6	Edit	Corrects references to FSAR figures	0465	63
7.3		7. 3- 6	Clarify	More clearly specifies "protection" vs "analog" instrumentation	0511	63
7.3		7. 3- 6	Correct	Revised valve position description to reflect CRDR changes	0110	63
7.3		7. 3- 7	Edit	Typographical error corrected	0508	63
7.3		7. 3- 7	Edit	Added reference to Figure 7.2-1 (sheets 2 and 3) and corrected typographical error	0110	63
7.3		7. 3- 8	Clarify	More clearly specifies "protection" vs "analog" instrumentation	0511	63
7.3		7. 3- 8	Edit	Typographical error corrected	0508	63
7.3		7. 3- 9	Edit	No change - page back	N/A	62
7.3		7. 3- 9	Edit	References Tech Spec's rather than FSAR Chapter 16	N/A	60
7.3		7. 3- 10	Clarify	Deletes specific numbers for signal time delay - RTD Bypass related	0511	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
7.3		7. 3- 10	Edit	Typographical errors corrected	N/A	62
7.3		7. 3- 10	Clarify	Clarified reference to Tech Spec's	N/A	63
7.3		7. 3- 11	Correct	Adjusted range of steam flow signal accuracy	0522	63
7.3		7. 3- 12a	Edit	Corrected reference	0528	63
7.3		7. 3- 13	Edit	Reference corrected	N/A	60
7.3		7. 3- 14	Edit	No change - page back	N/A	61
7.3		7. 3- 21	Edit	No change - page back	N/A	61
7.3		7. 3- 22	Edit	Typographical error corrected	N/A	60
7.3		7. 3- 24	Edit	Reference to Tech Specs corrected	0110	63
7.3		7. 3- 24	Edit	Typographical error corrected	0508	63
7.3		7. 3- 24	Edit	Corrected air system nomenclature	0110	63
7.3		7. 3- 26	Revision	Reflects UHI removal	0470	63
7.3		7. 3- 28	Edit	Added reference [5], Westinghouse Topical Report	0511	63
7.4		7. 4- 3	Revision	Reflects addition of 5th diesel generator	N/A	57
7.4		7. 4- 3	Edit	Corrected air system nomenclature	0110	63
7.5	T	7. 5- 1 SH 1	Correct	Clarifies MCR instrumentation details - revised to reflect minimum channels and description of purpose. Section 7.5 chages to be submitted pending Post Accident Monitoring revisions.	N/A	55
7.5	T	7. 5- 1 SH 2	Correct	Clarifies MCR instrumentation	N/A	55
7.5	T	7. 5- 1 SH 2	Correct	Corrected value for channel accuracy	N/A	56
7.5	T	7. 5- 1 SH 3	Correct	Clarifies MCR instrumentation	N/A	55
7.5	T	7. 5- 1 SH 3	Correct	Corrected value for channel accuracy	N/A	56
7.5	T	7. 5- 1 SH 4	Correct	Clarifies MCR instrumentation	N/A	55
7.5	T	7. 5- 1 SH 5	Correct	Clarifies MCR instrumentation (previously page 11)	N/A	55
7.5	T	7. 5- 1 SH 5	Correct	Clarifies MCR instrumentation (previously page 9)	N/A	55
7.5	T	7. 5- 1 SH 5	Correct	Corrected values for range and channel accuracy (previously page 10)	N/A	55
7.5	T	7. 5- 1 SH 5	Correct	Clarifies MCR instrumentation	N/A	55

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
7.5	T	7. 5- 1 SH 6	Correct	Clarifies MCR instrumentation (previously page 14)	N/A	55
7.5	T	7. 5- 1 SH 6	Correct	Clarifies MCR instrumentation - revised to reflect minimum channels and description of purposes	N/A	55
7.5	T	7. 5- 1 SH 6	Correct	Clarifies MCR instrumentation (previously page 12)	N/A	55
7.5	T	7. 5- 1 SH 6	Correct	Clarifies MCR instrumentation (previously page 13)	N/A	55
7.5	T	7. 5- 1 SH 7	Correct	Clarifies MCR instrumentation (previously page 16)	N/A	55
7.5	T	7. 5- 1 SH 7	Correct	Clarifies MCR instrumentation (previously page 17)	N/A	55
7.5	T	7. 5- 1 SH 7	Correct	Corrected value for channel accuracy	N/A	56
7.5	T	7. 5- 1 SH 7	Correct	Revised to reflect number of channels and description of purposes. Clarifies MCR instrumentation details	N/A	55
7.5	T	7. 5- 1 SH 7	Correct	Clarifies MCR instrumentation (previously page 15)	N/A	55
7.5	T	7. 5- 1 SH 8	Correct	Clarifies MCR instrumentation (previously page 18)	N/A	55
7.5	T	7. 5- 1 SH 8	Correct	Clarifies MCR instrumentation (previously page 19)	N/A	55
7.5	T	7. 5- 1 SH 8	Correct	Clarifies MCR instrumentation	N/A	55
7.5	T	7. 5- 2 SH 10	Correct	Corrected instrument range	N/A	55
7.5	T	7. 5- 3 SH 1	Revision	Added in response to requirements of NUREG 0737 II.F.1 & II.F.2	N/A	55
7.5	T	7. 5- 3 SH 1	Clarify	Added clarification of expected accuracy during a HELB in containment	N/A	56
7.5	T	7. 5- 3 SH 1	Clarify	Clarifies instrument accuracy	N/A	56
7.5	T	7. 5- 3 SH 2	Revision	Added in response to requirement of NUREG 0737 II.F.1 & II.F.2	N/A	55
7.5	T	7. 5- 3 SH 2	Clarify	Clarifies instrument accuracy	N/A	56
7.5	T	7. 5- 3 SH 3	Revision	Added in response to requirements of to NUREG 0737 II.F.1 & II.F.2	N/A	55
7.5	T	7. 5- 3 SH 3	Clarify	Clarifies instrument accuracy	N/A	56
7.5	T	7. 5- 3 SH 4	Revision	Added in response to requirements of to NUREG 0737 II.F.1 & II.F.2	N/A	55

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
7.5	T	7. 5- 3 SH 5	Revision	Added in response to requirements of to NUREG 0737 II.F.1 & II.F.2	N/A	55
7.6		7. 6- 1	Edit	Typographical errors corrected	N/A	62
7.6	F	7. 6- 1	Edit	Deletion of figure reflects deletion of UHI	0470	63
7.6		7. 6- 1a	Edit	Typographical errors corrected	N/A	62
7.6		7. 6- 1a	Edit	Typographical error corrected	0465	62
7.6		7. 6- 1a	Edit	Revised RCS press transmitter numbers	N/A	56
7.6		7. 6- 1a	Edit	Reworded for clarity	0110	63
7.6		7. 6- 2	Edit	Typographical errors corrected	N/A	62
7.6		7. 6- 2	Revision	Reflects deletion of UHI	0470	63
7.6		7. 6- 2	Edit	Reworded for clarity	0110	63
7.6	F	7. 6- 2	Edit	Deletion of figure reflects deletion of UHI	0470	63
7.6		7. 6- 3	Edit	Deletion of page reflects deletion of UHI	0470	63
7.6		7. 6- 4	Edit	Deletion of material reflects deletion of UHI	0470	63
7.6		7. 6- 4	Clarify	Clarified reference to Tech Spec's		63
7.6		7. 6- 4	Clarify	Revised wording for consistency	0110	63
7.6	F	7. 6- 5	Edit	Typographical error corrected	0110	63
7.6		7. 6- 6	Correct	Gives additional information on loose parts monitoring system	0110	63
7.6		7. 6- 6	Correct	Gives additional info on loose parts monitoring system - based on responses to Q221.16-2 -Consistent with TVA's WBN submittal of 04/17/90, LPMs testing and surveillance is to be reflected in Technical Requirements manual	0110	63
7.6		7. 6- 6	Revision	Revise Loose Parts Monitoring System Section.	0522	63
7.6	F	7. 6- 6 SH 3	Edit	Typographical errors corrected	0519	63
7.6		7. 6- 6a	Correct	Gives additional information on loose parts monitoring system	0110	63
7.6		7. 6- 6a	Revision	Revise Loose Parts Monitoring System Section.	0522	63
7.6		7. 6- 7	Edit	Deleted redundant information - forwarded information from 7.6-7A to this page	0110	63
7.6	F	7. 6- 7 SH 1	Clarify	Revised RCS pressure transmitter numbers	N/A	56

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
7.6	F	7. 6- 7 SH 1	Clarify	Clarified device nonenclosure	0555	63
7.6	F	7. 6- 7 SH 1	Edit	Typographical error corrected	0550	63
7.6	F	7. 6- 7 SH 2	Clarify	Revised RCS pressure transmitter numbers	N/A	56
7.6	F	7. 6- 7 SH 2	Clarify	Revised RCS pressure transmitter numbers	0110	63
7.6		7. 6- 7a	Edit	Information forwarded to 7.6-7, this page deleted	0110	63
7.6		7. 6- 8	Clarify	Clarified the manually armed permissive for PORV operation	N/A	55
7.6		7. 6- 9	Edit	Corrected typographical errors and cross-reference discrepancy	N/A	62
7.6		7. 6- 9	Edit	Corrected typographical errors	0110	63
7.6		7. 6- 10	Edit	Typographical errors corrected	N/A	62
7.6		7. 6- 10	Correct	Corrected by DBVP Licensing Verification Effort	0530	63
7.6		7. 6- 11	Edit	Typographical errors corrected	N/A	62
7.6		7. 6- 12	Edit	Typographical errors corrected	N/A	62
7.7		7. 7- 1	Edit	Typographical error corrected	0508	63
7.7		7. 7- 3	Edit	Typographical error corrected	N/A	62
7.7		7. 7- 4	Correct	Corrected values for rod speed signal range and steps/minute	N/A	55
7.7		7. 7- 4	Edit	Corrected cross-reference discrepancy	N/A	62
7.7		7. 7- 6	Correct	Corrected values for rod speeds	N/A	55
7.7		7. 7- 8	Clarify	Clarifies need for operator verification	0516	63
7.7		7. 7- 9	Edit	Cross-reference discrepancy and typos corrected	N/A	62
7.7		7. 7- 9	Clarify	Clarifies need for operator verification	0516	63
7.7		7. 7- 10	Edit	Typographical error corrected	N/A	62
7.7		7. 7- 11	Revision	Reflects design change to implement BISI (RG 1.47)	N/A	56
7.7		7. 7- 11	Revision	Reflects design change to implement BISI (RG 1.47)	0530	63
7.7		7. 7- 11	Edit	Corrected typographical errors	0110	63
7.7		7. 7- 12	Revision	Reflects design change to implement BISI (RG 1.47)	0530	63

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.	
7.7		7. 7- 12	Revision	Reflects design change to implement BISI (RG 1.47)	N/A	56	77136
7.7		7. 7- 12	Edit	Corrected typographical errors	0110	63	} ok
7.7		7. 7- 13	Edit	Corrected cross-reference discrepancy and typos	N/A	62	
7.7		7. 7- 14	Edit	No change - page back	N/A	62	
7.7		7. 7- 15	Edit	Corrected cross-reference discrepancy and typographical errors	N/A	62	
7.7		7. 7- 15a	Edit	Typographical errors corrected	N/A	62	
7.7		7. 7- 20	Correct	Revised to reflect control board layout in accordance with CRDR	0110	63	63655
7.7		7. 7- 20a	Edit	Revised due to rollover from revised page 7.7-20	0110	63	} ok
7.7		7. 7- 28	Clarify	Clarify potentially misleading statement	0519	63	
7.1	F	7A- 1	Correct	Revised info to agree with a TVA design standard	0522	63	
** Chapter: 8							
8.3		8. 1- 1	Revision	Reflects addition of 5th diesel generator	N/A	57	63606
8.0		8. 1- 1	Clarify	More clearly explains WBN treatment of (approach) Post-LOCA submergence of electrical equipment	N/A	56	} ok
8.1		8. 1- 2	Add	Specifies capability to mitigate a LOCA in one unit and safely shutdown the other	N/A	54	
8.3		8. 1- 2	Revision	Reflects addition of 5th diesel generator	N/A	57	63606
8.3		8. 1- 2	Edit	Reworded for clarity	0111	63	} ok
8.3	F	8. 1- 2	Edit	Reflects no change - both amendment 56 and 57 submitted 15E500-1 (R6)	N/A	57	
8.3	F	8. 1- 2	Revision	Reflects addition of 5th diesel generator	N/A	56	} 63606
8.3	F	8. 1- 2A	Revision	Reflects addition of 5th diesel generator	N/A	56	
8.3	F	8. 1- 2A	Clarify	Reflects general revision of 15E500-2	N/A	57	} ok
8.3		8. 1- 3	Clarify	Clarifies that standby power systems are located in Category I structures	0508	63	
8.3	F	8. 1- 3	Revision	Reflects addition of 5th vital battery	N/A	58	63606
8.1	F	8. 1- 3	Clarify	Reflects general revision of 45N700-1	N/A	56	ok

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
8.3		8. 1- 4	Edit	Typographical errors corrected	0508	63
8.3		8. 1- 4	Edit	Typographical error corrected	0111	63
8.1		8. 1- 5	Revision	Updated our compliance intent for IEEE std 450 from the 1975 version to the 1980 version	N/A	56
8.1		8. 1- 5	N/A	Revises our compliance intent for IEEE Std 323 from the 1976 version to the 1971 version (Recommended revision not made since affected reference was deleted by Package 111 revisions.)	0508	63
8.1		8. 1- 5	Clarify	Revised to indicate revision (i.e., year of issuance or revision level) of standards referenced	0111	63
8.1		8. 1- 6	Revision	Describes WBN plans to meet recommendation of IE circ 81-13 (torque switch bypass)	0472	63
8.1		8. 1- 6	Correct	Revision to delete RG 1.30 from FSAR compliance section 8.1.5.3	0549	63
8.1		8. 1- 6	Revision	Reflects BISI commitments	0530	63
8.1		8. 1- 6	Clarify	Revised to reference calculation which indicates MOVs requiring torque switch bypass	0111	63
8.1		8. 1- 6	Clarify	Revised to indicate revision level of Reg Guides invoked	0111	63
8.1		8. 1- 6a	Edit	References new footnote # 10 (previously page 8.1-6)	0530	63
8.1		8. 1- 6a	Edit	References new footnote #10 (previously page 8.1-6)	0460	63
8.1		8. 1- 6a	Clarify	Revised to indicate revision level of Reg Guides invoked	0111	63
8.1		8. 1- 7	Edit	References new footnote #10 (revised to #11 by site licensing)	0472	63
8.1		8. 1- 7	Clarify	Revised to indicate revision level of Reg Guides invoked	0111	63
8.1		8. 1- 7a	Revision	Reflects addition of 5th vital battery	N/A	58
8.1		8. 1- 8	Edit	Corrected cross-reference discrepancy	N/A	60
8.1		8. 1- 8	Clarify	Reworded for clarity	0111	63
8.1		8. 1- 9	Edit	Gives additional rationale for not testing fuses periodically for resistance	N/A	55
8.1		8. 1- 9	Clarify	Deleted statement regarding potential deterioration of fuses with service life. Also reworded for clarity.	0111	63

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.	
8.1		8. 1- 9a	Edit	Typographical error corrected	N/A	55	} ok
8.3	F	8. 1- 10	Correct	Revised to reflect use of fuse by the field (different than originally designed)	0477	63	
8.3		8. 1- 11	Revision	Reflects addition of 5th diesel generator	N/A	57	} 63606
8.3		8. 1- 11	Revision	Reflects addition of 5th diesel generator	0458	63	
8.3		8. 1- 12	Clarify	Clarifies environmental qualification criteria	0111	63	63591
8.1		8. 1- 13	Edit	Typographical error corrected	N/A	55	ok
8.1		8. 1- 13	Clarify	More clearly specifies the limits of our compliance to RG 1.9 (C.14)	N/A	54	
8.1		8. 1- 13	Edit	No change - resubmitted correct page back - necessary due to processing error in Amendment 58	N/A	60	} ok
8.1		8. 1- 13	Edit	Typographical errors corrected	0111	63	
8.3		8. 1- 14	Edit	Made testing requirements for the additional DG consistent with other four DGs	N/A	54	63606
8.1		8. 1- 14	Revision	Reflects addition of 5th vital battery	N/A	58	} ok
8.1		8. 1- 14	Revision	Same disposition as entry for page 8.1-6 for package 0472	0472	63	
8.1		8. 1- 14	Edit	Revised to reference calculation which indicates MOVs requiring thermal overload bypass	0111	63	
8.3		8. 1- 14	Revision	Revised to reflect compliance with RG 1.97.	0530	63	{ 77550 77551
8.2		8. 2- 1	Edit	Reflects design change to rack-out 2nd alternate supply to 6.9kV shutdown bds	0460	63	} 63689
8.2		8. 2- 1	Revision	Reflects addition of the load-shedding scheme for the 6.9kV unit bds.	0464	63	
8.2		8. 2- 5	Edit	No change - page back	N/A	62	} ok
8.2		8. 2- 5	Edit	Misspelled word	N/A	63	
8.2		8. 2- 6	Edit	Corrected cross-reference discrepancy	N/A	62	
8.2		8. 2- 6	Edit	Typographical error corrected	0111	63	
8.2	F	8. 2- 8A	Clarify	Clarifies results of stability studies (drawing series contains 12 sheets)	0465	63	
8.2		8. 2- 9	Edit	Reworded for clarity	N/A	62	
8.2		8. 2- 10	Edit	No change - page back	N/A	62	

FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
8.2		8. 2- 10	Revision	Reflects design change to rack-out 2nd alternate supply to 6.9kV shutdown bds	0477	63
8.2		8. 2- 10	Clarify	Reworded for clarity	0111	63
8.2		8. 2- 10a	Revision	Reflects design change to rack-out 2nd alternate supply to 6.9kV shutdown bds	0477	63
8.2		8. 2- 10a	Edit	Reworded for clarity	0111	63
8.2		8. 2- 11	Revision	Reflects additional of the load-shedding scheme for the 6.9kV shutdown bds.	0464	63
8.2		8. 2- 13	Revision	Reflects design change to rack out 2nd alternate supply to 6.9kV shutdown bds	0477	63
8.2		8. 2- 13	Edit	Deleted unnecessary information related to second alternate supply breaker	0111	63
8.2		8. 2- 15	Revision	Reflects design change to rack out 2nd alternate supply to 6.9kV shutdown bds	0460	63
8.2		8. 2- 15	Revision	Reflects addition of the load-shedding scheme for the 6.9kV unit bds	0464	63
8.2		8. 2- 15	Revision	Reflects design change to rack out 2nd alternate supply to 6.9kV shutdown bds	0477	63
8.2		8. 2- 15	Edit	Deleted unnecessary information related to second alternate supply breaker	0111	63
8.2		8. 2- 16	Revision	Reflects design change to rack out 2nd alternate supply to 6.9kV shutdown bds	0477	63
8.2		8. 2- 17	Revision	Reflects design change to rack out 2nd alternate supply to 6.9kV shutdown bds	N/A	56
8.2		8. 2- 17	Edit	Typo correction	0508	63
8.2		8. 2- 17	Edit	Reflects design change to rack out 2nd alternate supply to 6.9kV shutdown bds	0477	63
8.2		8. 2- 18	Edit	Reflects figure renumbering	0465	63
8.2		8. 2- 19	Revision	Reflects design change to rack out 2nd alternate supply 6.9kV shutdown bds	0460	63
8.2		8. 2- 19	Revision	Reflects design change to rack out 2nd alternate supply 6.9kV shutdown bds	0477	63
8.2		8. 2- 20	Revision	Reflects addition of the load-shedding scheme for the 6.9kV unit bds	0464	63
8.3		8. 3- 1	Edit	Changed reference from drawing 8.1-2a to drawing 8.1-2A	N/A	57
8.3	F	8. 3- 1	Revision	Reflects addition of 5th diesel generator	N/A	57

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.	
8.3	F	8. 3- 1A	Revision	Reflects addition of 5th diesel generator	N/A	57	63606
8.3		8. 3- 1a	Revision	Reflects addition of 5th diesel generator	N/A	57	
8.3		8. 3- 2	Revision	Reflects addition of 5th diesel generator	N/A	57	
8.3		8. 3- 2	Edit	Reworded for clarity and typographical errors corrected	0111	63	OK
8.3	F	8. 3- 2	Revision	Reflects addition of 5th vital battery	N/A	58	
8.3		8. 3- 2a	Revision	Reflects addition of 5th diesel generator	N/A	57	63606
8.3		8. 3- 2a	Correct	Corrected by Licensing Verification Effort and reworded for clarity	0111	63	OK
8.3		8. 3- 3	Revision	Reflects addition of 5th diesel generator	N/A	57	63606
8.3		8. 3- 3	Edit	Reworded for clarity and typographical errors corrected	0111	63	OK
8.3	T	8. 3- 3	Clarify	Revised time for sequential tie-on, of subject equipment	N/A	56	
8.3		8. 3- 3a	Revision	Reflects addition of 5th diesel generator	N/A	57	63606
8.3		8. 3- 3a	Edit	Reworded for clarity and typographical errors corrected	0111	63	OK
8.3		8. 3- 4	Edit	Provides editorial clarification	0477	63	
8.3		8. 3- 4	Revision	Reflects design change to rack out 2nd alternate supply to 6.9kV shutdown boards	0460	63	63606
8.3	F	8. 3- 4	Revision	Related to 5th diesel generator - provides more detail of panel construction	N/A	57	
8.3	F	8. 3- 4	Revision	Related to 5th diesel generator - provides more detail of panel construction	N/A	57	OK
8.3	F	8. 3- 4B	Revision	Reflects addition of 5th diesel generator	N/A	57	
8.3	F	8. 3- 4C	Revision	Reflects addition of 5th diesel generator	N/A	57	OK
8.3		8. 3- 5	Correct	Revised to reflect absence of relay time delay	0111	63	
8.3	F	8. 3- 5A	Correct	Revised second level voltage protection block diagram	0510	63	OK
8.3		8. 3- 6	Clarify	Specifies breaker position verification requirements	N/A	56	
8.3		8. 3- 6	Edit	Provides information inadvertently removed by Amendment 56		63	63606
8.3	T	8. 3- 10	Clarify	Gave more details on "normal", "alternate", and "available" transfer capabilities between power divisions	N/A	56	

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.	
8.3	T	8. 3- 10	Edit	Corrects typos made by Amendment 56	0460	63	OK
8.3		8. 3- 11	Revision	Reflects addition of 5th diesel generator	N/A	57	63606
8.3		8. 3- 11	Clarify	Provides clarification of manufacturer recommendations for diesel generator testing	N/A	55	} OK
8.3		8. 3- 11	Clarify	Revised to clarify diesel generator control logic	0111	63	
8.3		8. 3- 11a	Edit	Page roll-over from page 11	N/A	57	
8.3		8. 3- 12	Clarify	Provides clarification of manufacturer recommendations for Diesel Generator Testing	N/A	55	
8.3		8. 3- 12	Edit	Correction of Amendment 57 error		63	} 63606
8.3		8. 3- 12	Revision	Reflects addition of 5th diesel generator	N/A	57	
8.3		8. 3- 13	Correct	Corrected information related to diesel generator speed and generator voltage regulator control interfaces	0480	63	OK
8.3		8. 3- 13	Revision	Reflects addition of 5th diesel generator	N/A	57	63606
8.3		8. 3- 13	Correct	Corrected specified value for maximum flood level	0111	63	} OK
8.3		8. 3- 13	Clarify	Revised to delete reference to diesel generator manual control	0111	63	
8.3		8. 3- 14	Revision	Reflects addition of 5th diesel generator	N/A	57	63606
8.3		8. 3- 14	Correct	Revised to correct diesel generator fuel alarms	0111	63	63638
8.3	F	8. 3- 14	Revision	Related to addition of 5th diesel generator - provides more detail of diesel generator instrumentation	N/A	57	} 63606
8.3	F	8. 3- 14A	Revision	Reflects addition of 5th diesel generator	N/A	57	
8.3		8. 3- 16	Revision	Reflects addition of 5th diesel generator	N/A	57	} 63639
8.3		8. 3- 16	Correct	Corrected ampere values for diesel generator battery capacity	N/A	54	
8.3		8. 3- 16	Edit	Reworded for clarity	N/A	57	} 63606
8.3		8. 3- 16a	Revision	Reflects addition of 5th diesel generator	N/A	57	
8.3		8. 3- 16b	Revision	Reflects addition of 5th diesel generator	N/A	57	} 63635
8.3		8. 3- 16b	Correct	Correct list of MCR alarms	0111	63	
8.3		8. 3- 16c	Clarify	Specifies revision of RG 1.6 invoked (corrected to agree with preop test)	0480	63	

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
8.3		8. 3- 16c	Revision	Updated our compliance intent for IEEE-450 from the 1975 version to the 1980 version	N/A	56
8.3		8. 3- 16c	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3		8. 3- 16c	Edit	Reworded for clarity	0111	63
8.3		8. 3- 16d	Edit	Deleted redundant information	N/A	57
8.3		8. 3- 16d	Edit	Reworded for clarity	0111	63
8.3		8. 3- 17	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3		8. 3- 17	Correct	Corrected information related to diesel generator speed and generator voltage regulator control interfaces	0480	63
8.3		8. 3- 18	Edit	Revised to appropriately reference section 8.3.1.1 of the SQN FSAR	0508	63
8.3	T	8. 3- 19 SH 2	Correct	Revised emergency dc lighting cabinet LD-1 Load Data (with 480 vac unavailable)	N/A	55
8.3	T	8. 3- 20 SH 2	Correct	Revised emergency dc lighting cabinet LD-2 Load Data (with 480 vac unavailable)	N/A	55
8.3	T	8. 3- 21 SH 2	Correct	Revised emergency dc lighting cabinet LD-3 Load Data (with 480 vac unavailable)	N/A	55
8.3		8. 3- 22	Clarify	Clarifies basis for exceeding rated motor horsepower	0507	63
8.3		8. 3- 22	Clarify	Reworded for clarity and provided reference to the master fuse report	0111	63
8.3	T	8. 3- 22 SH 2	Correct	Revised emergency dc lighting cabinet LD-4 Load Data (with 480 vac unavailable)	N/A	55
8.3		8. 3- 23	Edit	Deleted redundancy	N/A	55
8.3		8. 3- 24	Edit	Corrected nomenclature	N/A	55
8.3		8. 3- 24	Clarify	Provides further details of operating characteristics for 6.9kV motor protection	0464	63
8.3	F	8. 3- 24	Revision	Related to addition of 5th diesel generator (DG) - provides more detail of DG control and DG battery interface	N/A	57
8.3	F	8. 3- 24A	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3	F	8. 3- 24B	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3	F	8. 3- 24C	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3	F	8. 3- 24D	Revision	Reflects addition of 5th diesel generator	N/A	57

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
8.3	F	8. 3- 25A	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3	F	8. 3- 26A	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3		8. 3- 26a	Clarify	Specifies revision of RG 1.6 and 1.9 invoked (corrected to agree with preop test)	0480	63
8.3		8. 3- 27	Edit	Corrected figure references	N/A	55
8.3		8. 3- 27	Clarify	Specifies revision of RG 1.6 invoked (corrected to agree with preop test)	0480	63
8.3	T	8. 3- 27	Revision	Reflects deletion of UHI	0481	63
8.3	T	8. 3- 27	Edit	Removed lower compartment cooler fans from list - they are not required for LOCA mitigation	N/A	56
8.3	F	8. 3- 27A	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3		8. 3- 28	Clarify	Specifies revision of RG 1.6 invoked (corrected to agree with preop test)	0480	63
8.3	F	8. 3- 28	Revision	Related to 5th diesel generator (DG) addition - provides more detail on DG instrumentation and controls	N/A	57
8.3	T	8. 3- 28	Edit	Deleted lower compartment cooler fan motors and footnote from Table	N/A	56
8.3	F	8. 3- 28A	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3	F	8. 3- 29	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3	F	8. 3- 29A	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3	F	8. 3- 29A	Correct	Effectuated design changes in the 5th diesel generator remote control circuitry	N/A	62
8.3		8. 3- 30	Clarify	Specifies revision of RG 1.6 invoked (corrected to agree with preop test)	0480	63
8.3	F	8. 3- 30A	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3	F	8. 3- 30B	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3		8. 3- 31	Clarify	Specifies revision of RG 1.6 invoked (corrected to agree with preop test)	0480	63
8.3	F	8. 3- 31A	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3	F	8. 3- 31B	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3	F	8. 3- 31C	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3		8. 3- 33	Correct	Revised to agree with the intent of WBN's criteria for the submergence of electrical equipment	0111	63

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
8.3		8. 3- 36	Edit	Revised reference form GDC "paragraph" to GDC "section"	0508	63
8.3		8. 3- 36	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3		8. 3- 36	Edit	Added missing exponent	N/A	55
8.3		8. 3- 36	Edit	No change - resubmitted correct page back - necessary due to processing error in previous Amendment 58	N/A	60
8.3		8. 3- 36	Clarify	Revised to reflect revision of IEEE-308 invoked	0111	63
8.3		8. 3- 36a	Revision	Reflects addition of 5th vital battery	N/A	58
8.3		8. 3- 36a	Edit	Reworded for clarity.	0111	63
8.3		8. 3- 37	Clarify	Specifies revision of RG 1.6 invoked (corrected to agree with preop test)	0480	63
8.3		8. 3- 37	Edit	Revised to reflect revision of IEEE-308 invoked and corrected typographical errors	0111	63
8.3	F	8. 3- 37	Revision	Reflects deletion of UHI (TVA drawing 45N706-1)	0470	63
8.3		8. 3- 38	Edit	Reworded for clarity	0550	63
8.3	F	8. 3- 38	Update	[RO to justify revision] (TVA drawing 45N706-2)	0470	63
8.3		8. 3- 39	Clarify	Clarifies that TVA takes no credit for spacing of medium voltage cables for ampacity considerations	N/A	54
8.3		8. 3- 39	Clarify	Clarifies cable ampacity considerations	0550	63
8.3	F	8. 3- 39	Update	[RO to justify revision] (TVA drawing 45N706-3)	0470	63
8.3	F	8. 3- 39	Revision	Reflects addition of 5th vital battery	N/A	58
8.3	F	8. 3- 40	Revision	Reflects addition of 5th vital battery	N/A	58
8.3	F	8. 3- 40	Revision	Reflects deletion of UHI (TVA drawing 45N706-4)	0470	63
8.3		8. 3- 41	Clarify	Revised to reflect form of fire protection used in the spreading room	0111	63
8.3	F	8. 3- 41A	Clarify	Provides expanded description of diesel generator operating modes (figures 41A through 41J replaced 41 and 42)	N/A	55
8.3	F	8. 3- 41B	Clarify	Provides expanded description of diesel generator operating modes (figures 41A through 41J replaced 41 and 42)	N/A	55

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
8.3	F	8. 3- 41C	Clarify	Provides expanded description of diesel generator operating modes (figures 41A through 41J replaced 41 and 42)	N/A	55
8.3	F	8. 3- 41D	Clarify	Provides expanded description of diesel generator operating modes (figures 41A through 41J replaced 41 and 42)	N/A	55
8.3	F	8. 3- 41E	Clarify	Provides expanded description of diesel generator operating modes (figures 41A through 41J replaced 41 and 42)	N/A	55
8.3	F	8. 3- 41F	Clarify	Provides expanded description of diesel generator operating modes (figures 41A through 41J replaced 41 and 42)	N/A	55
8.3	F	8. 3- 41G	Clarify	Provides expanded description of diesel generator operating modes (figures 41A through 41J replaced 41 and 42)	N/A	55
8.3	F	8. 3- 41H	Clarify	Provides expanded description of diesel generator operating modes (figures 41A through 41J replaced 41 and 42)	N/A	55
8.3	F	8. 3- 41I	Clarify	Provides expanded description of diesel generator operating modes (figures 41A through 41J replaced 41 and 42)	N/A	55
8.3	F	8. 3- 41J	Clarify	Provides expanded description of diesel generator operating modes (figures 41A through 41J replaced 41 and 42)	N/A	55
8.3	F	8. 3- 42	Edit	Figure deleted - superseded by F8.3-41A through 41J	N/A	55
8.3	F	8. 3- 43	Correct	Figure deleted-superseded by F8.3-41A through 41J	N/A	55
8.3		8. 3- 44	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3		8. 3- 44	Edit	Typographical errors corrected	0111	63
8.3		8. 3- 44	Clarify	References to Section 9.5.1 added	0111	63
8.3		8. 3- 45	Revision	Reflects addition of 5th diesel generator	N/A	58
8.3		8. 3- 45	Edit	Recommends changing reference from figure 8.3-57 (45W217-1) to 8.3-61	0477	63
8.3		8. 3- 45	Clarify	References to Section 9.5.1 added	0111	63
8.3	F	8. 3- 46	Clarify	Notes added	N/A	57
8.3		8. 3- 47	Clarify	Clarified fire protection requirements for cables	N/A	56
8.3		8. 3- 47	Clarify	Clarified fire protection requirements for cables	N/A	55

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.	
8.3	F	8. 3- 47	Clarify	General Update - drawing revised from R10 to R18	N/A	58	} OK
8.3		8. 3- 47b	Revision	Reflects addition of 5th vital battery	N/A	58	
8.3		8. 3- 47b	Revision	Reflects addition of 5th diesel generator	N/A	57	} 63606
8.3		8. 3- 47b	Edit	Typographical errors corrected	0111	63	
8.3		8. 3- 48	Revision	Reflects addition of 5th diesel generator	N/A	57	} 63606
8.3		8. 3- 48	Edit	No change - resubmitted correct page back - necessary due to processing error in Amendment 58	N/A	60	
8.3		8. 3- 48	Edit	Typographical errors corrected	0111	63	} OK
8.3	F	8. 3- 48	Clarify	General Update - drawing revised from R11 to R19	N/A	58	
8.3		8. 3- 49	Revision	Reflects addition of 5th diesel generator	N/A	57	} 63606
8.3		8. 3- 49	Edit	No change - resubmitted correct page back - necessary due to processing error in Amendment 58	N/A	60	
8.3		8. 3- 49	Clarify	Revised to reflect fire protection actuation control and reworded for clarity	0111	63	} 63648
8.3	F	8. 3- 49	Clarify	General Update - drawing revised from R10 to R17	N/A	58	
8.3		8. 3- 49a	Clarify	Clarified fire protection requirements for fire stops and cable coatings	N/A	56	
8.3		8. 3- 49a	Edit	No change - page back	N/A	58	
8.3		8. 3- 50	Edit	Deletes references to FSAR Chapter 17 and simply references "site procedures"	0508	63	} OK
8.3	F	8. 3- 50	Clarify	General Update - drawing revised from R9 to R15	N/A	58	
8.3		8. 3- 50a	Edit	Deleted administrative controls	N/A	55	} 63648
8.3		8. 3- 50a	Clarify	Revision referenced section 9.5.1 for fire protection requirements	0111	63	
8.3		8. 3- 50b	Revision	Deleted redundant verbage	0508	63	
8.3		8. 3- 50b	Delete	Revision referenced section 9.5.1 for fire protection requirements	0111	63	
8.3		8. 3- 53	Revision	Reflects addition of 5th vital battery	N/A	58	} OK
8.3		8. 3- 53	Edit	Recommends changing reference from fig 8.3-56 (45W703-9) to fig 8.3-60	0477	63	

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
8.3		8. 3- 53	Clarify	Removes fire protection information and references Section 9.5.1	0111	63
8.3		8. 3- 53a	Revision	Reflects addition of 5th vital battery	N/A	58
8.3		8. 3- 54	Revision	Reflects addition of 5th vital battery	N/A	58
8.3		8. 3- 54a	Revision	Reflects addition of 5th vital battery	N/A	58
8.3		8. 3- 54a	Edit	Reworded for clarity	0111	63
8.3	F	8. 3- 55	Clarify	Corrected relative location of protective devices in the circuit	N/A	57
8.3		8. 3- 56	Edit	Add V to list of battery boards discussed	0477	63
8.3		8. 3- 56	Revision	Reflects addition of 5th vital battery	N/A	58
8.3		8. 3- 56	Revision	Changes reference from 8.3-57 (45W217-1) to 8.3-61	N/A	63
8.3	F	8. 3- 56	Revision	Reflects addition of 5th vital battery - number needs to be revised to 8.3-60	N/A	58
8.3	F	8. 3- 56	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3		8. 3- 57	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3		8. 3- 57	Edit	Correct typographical error induced by Amendment 57		63
8.3		8. 3- 57	Edit	Reworded for clarity	0111	63
8.3	F	8. 3- 57	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3	F	8. 3- 57	Revision	Reflects addition of 5th vital battery - number needs to be revised to 8.3-61	N/A	58
8.3		8. 3- 58	Clarify	Clarified provisions for not paralleling feeds to a vital battery charger	N/A	56
8.3	F	8. 3- 58	Revision	Reflects addition of 5th diesel generator	N/A	57
8.3		8. 3- 59	Revision	Reflects addition of 5th vital battery	N/A	58
8.3		8. 3- 59	Edit	Typographical error corrected	0111	63
8.3	F	8. 3- 59	Revision	Related to addition of 5th diesel generator - provided specifics regarding masonry walls in Category I structures	N/A	57
8.3		8. 3- 60	Revision	Reflects addition of 5th vital battery	N/A	58
8.3		8. 3- 60	Revision	Updated our compliance intent for IEEE - 450 from the 1975 version to the 1980 version	N/A	56
8.3		8. 3- 60	Correct	Corrected title and sections of IEEE standard 450 referenced	0111	63

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
8.3		8. 3- 60a	Edit	Changes reference from fig 8.3-56 (45W703-9) to fig 8.3-60	0477	63
8.3		8. 3- 60a	Clarify	Gives additional details for battery dischrge test	N/A	58
8.3		8. 3- 60a	Clarify	Clarified field measurements for vital battery discharge testing	N/A	56
8.3		8. 3- 60a	Edit	Corrected title and sections of IEEE standard 450 referenced	0111	63
8.3		8. 3- 62	Revision	Reflects addition of 5th vital battery	N/A	58
8.3		8. 3- 62	Clarify	Specifies revision of RG 1.6 and RG 1.9 invoked (corrected to agree with preop test)	0480	63
8.3		8. 3- 62	Edit	Deleted unnecessary reference to Reg Guide 1.9 (Applicable to Diesel)	0111	63
8.3		8. 3- 62a	Clarify	Specifies revision of RG 1.6 invoked (corrected to agree with preop test)	0480	63
8.3		8. 3- 62a	Revision	Reflects addition of 5th vital battery	N/A	58
8.3		8. 3- 62a	Clarify	Reworded for clarity	0111	63
8.3		8. 3- 63	Revision	Reflects addition of 5th vital battery	N/A	58
8.3		8. 3- 63	Edit	Typographical error corrected	0111	63
8.3		8. 3- 64	Clarify	Specifies revisions of RG 1.6 invoked (Corrected to agree with preop test)	0480	63
8.3		8. 3- 64	Revision	Reflects addition of 5th vital battery	N/A	58
8.3		8. 3- 64a	Edit	Created by rollover from 8.3-64	N/A	58
8.3		8. 3- 65	Edit	Misspelled word		63
8.3		8. 3- 65	Revision	Reflects addition of 5th vital battery	N/A	58
8.3		8. 3- 68	Correct	Corrected by DBVP licensing verification effort	0519	63
8.3		8. 3- 68	Clarify	Specifies revision of RG 1.6 involved (corrected to agree with preop test)	0480	63
8.0		8A-2	Clarify	More clearly explains WBN treatment of (approach) Post-LOCA submergence of electrical equipment	N/A	56
8.0		8A-2	Clarify	Revised to reflect flood criteria	0111	63
** Chapter: 9 9.1		9. 1- 3a	Correct	Revised to reflect spent fuel pool temperature limit as stated in the WBN draft tech specs	0499	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.1		9. 1- 9a	Edit	Deleted cell wall metal temperature to be consistent with information considered in guidelines for NRC review	0499	63
9.1		9. 1- 9a	Correct	Corrects poison material temperature to agree with calculation	0499	63
9.1		9. 1- 12	Edit	Typographical error corrected	0539	63
9.1		9. 1- 12	Edit	Revised reference from FSAR Chapter 16 to WBN tech spec	N/A	60
9.1		9. 1- 13	Clarify	Revised limit for subcriticality from 10% to 5% during refueling operations	N/A	56
9.1		9. 1- 14	Clarify	Identified the fuel handling sequence to be used for an incore fuel shuffle	0539	63
9.1		9. 1- 14	Edit	Revised equipment nomenclature	0112	63
9.1		9. 1- 14	Clarify	Identified the fuel handling sequence to be used for an incore fuel shuffle	0112	63
9.1		9. 1- 16a	Edit	Typographical error corrected	0539	63
9.1		9. 1- 16a	Edit	Revised equipment nomenclature	0112	63
9.1		9. 1- 17	Edit	Added "spent fuel" to "transfer canal"	N/A	55
9.1		9. 1- 20	Clarify	Provided additional information regarding the refueling machine hoist controls	N/A	56
9.1		9. 1- 21	Clarify	Clarified the static load design for the refueling machine refueling machine hoist and supports	0499	63
9.1		9. 1- 21	Clarify	Clarified the dynamic load design for the refueling machine hoist and supports	0517	63
9.1		9. 1- 21	Edit	Reworded for clarity	0112	63
9.2	F	9. 2- 1	Clarify	General update - drawing revised from R16 to R24	N/A	55
9.2	T	9. 2- 3	Add	Reflects an additional CCS load - high temp RCS crud sample heat exchanger	N/A	56
9.2	F	9. 2- 6	Clarify	Revised to reflect admin controls for ERCW header valves	N/A	57
9.2	T	9. 2- 6 SH 2	Add	Reflects an additional CCS load - high temp RCS crud sample heat exchanger	N/A	56
9.2	T	9. 2- 7 SH 1	Add	Reflects an additional CCS load - high temp RCS crud sample heat exchanger	N/A	56
9.2	T	9. 2- 7 SH 2	Add	Reflects an additional CCS load - high temp RCS crud sample heat exchanger	N/A	56

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.2	T	9. 2- 10	Clarify	Chemistry spec changes - deleted makeup water specs and provided range for Hydrazine	N/A	55
9.2	F	9. 2- 11	Edit	Added a few manual valves and reference to notes	N/A	57
9.2	F	9. 2- 29	Edit	Deleted this figure - duplicate of 9.2-29a	N/A	62
9.2	F	9. 2- 29A	Edit	Minor revision to reflect actual configuration	N/A	62
9.2	F	9. 2- 29B	Edit	Reflects deleted loads	N/A	62
9.2	F	9. 2- 29C	Clarify	Minor revision to reflect actual configuration	N/A	56
9.2	F	9. 2- 29C	Edit	Minor revision to reflect actual configuration	N/A	62
9.2	F	9. 2- 29D	Clarify	Provided more configuration detail	N/A	62
9.2	F	9. 2- 29D	Edit	Title block revised	N/A	56
9.2	F	9. 2- 30	Clarify	General update - drawing revised from R7 to R13	N/A	62
9.2		9. 2. 1- 6	Clarify	Clarified seismic criteria of ERCW system, components, and structures	N/A	55
9.2		9. 2. 1- 10	Correct	Revised to reflect valve position on loss-of-offsite power or an SI as being open to an "intermediate" position rather than "full" open	N/A	56
9.2		9. 2. 1- 11	Clarify	Clarified to reflect corrosion prevention	N/A	55
9.2		9. 2. 1- 11	Clarify	Clarified to indicate chemicals used for corrosion prevention	N/A	56
9.2		9. 2. 2- 3	Clarify	More clearly detailed CCS and RCP thermal barrier interface	0512	63
9.2		9. 2. 2- 3	Clarify	Corrected check valve size	0112	63
9.2		9. 2. 2- 4	Add	Reflects an additional CCS load for normal and post-accident operation - high temp RCS crud sample heat exchanger	N/A	56
9.2		9. 2. 2- 5	Edit	More clearly reflects CCS flow path	N/A	60
9.2		9. 2. 2- 5	Edit	Reflects deletion of Table 9.2-10 - clarified plant water chemistry practice	0510	63
9.2		9. 2. 2- 8	Clarify	Clarifies sizing considerations for CCS relief valves	0460	63
9.2		9. 2. 2- 14	Add	Reflects an additional CCS TVA class C load - high temp RCS crud sample heat exchanger	N/A	56

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.2		9. 2. 3- 2	Edit	Deleted demineralizer manufacturer's effluent quality specifications	N/A	55
9.2		9. 2. 3- 2	Correct	Corrected demineralizer effluent pH range	0112	63
9.2		9. 2. 4- 1	None	No change - page back	N/A	62
9.2		9. 2. 4- 1	Clarify	Clarified potable water specifics	0530	63
9.2		9. 2. 4- 2	Edit	Corrected references to figures	N/A	62
9.2		9. 2. 4- 3	Clarify	Clarified sanitary water specifics	0460	63
9.2		9. 2. 4- 3	Clarify	Clarified sanitary water specifics and plant feature nomenclature	0112	63
9.2		9. 2. 4- 4	Clarify	Clarified sanitary water specifics	0460	63
9.2		9. 2. 4- 4	Clarify	Clarified sanitary water specifics	0112	63
9.2		9. 2. 4- 5	Clarify	Clarified sanitary water specifics	0460	63
9.2		9. 2. 4- 5	Edit	Revised plant feature nomenclature	0112	63
9.2		9. 2. 5- 3	Edit	Cross-reference discrepancy corrected	N/A	60
9.2		9. 2. 5- 4	Edit	No change - page back	N/A	61
9.2		9. 2. 6- 1	Edit	Revised reference from FSAR chapter 16 to WBN tech specs	N/A	60
9.2		9. 2. 6- 1	Edit	Removed unnecessary detail	0112	63
9.2		9. 2. 6- 2	Edit	Typographical error corrected	0460	63
9.2		9. 2. 6- 2	Edit	Deleted credit taken for the condensate storage tank rubber diaphragm	N/A	55
9.2		9. 2. 7- 4a	Clarify	Referenced results of the containment sump scale model test	N/A	56
9.3		9. 3- 1	Edit	Typographical error corrected	0508	63
9.3		9. 3- 1	Clarify	Added information with regard to intake filters and air silencers on air compressors	0477	63
9.3		9. 3- 1	Edit	Reworded for clarity	0526	63
9.3	T	9. 3- 2 SH 4	Add	Reflects addition of the RCS crud sampler	N/A	56
9.3	T	9. 3- 2 SH 5	Correct	Revised heater drain tank pressure and temperature to agree with design	0555	63
9.3	T	9. 3- 2 SH 11	Add	Reflects addition of the wet layup recirculation system as a sampled location	N/A	55
9.3	T	9. 3- 2 SH 11	Edit	Typographical error corrected	0112	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.3		9. 3- 2a	Edit	Typographical error corrected	0477	63
9.3		9. 3- 5	Correct	Added radiation monitoring equipment sample line valves to the list of equipment requiring aux control instrument air	0530	63
9.3	F	9. 3- 5A	Edit	Minor corrections and additions	N/A	62
9.3		9. 3- 5a	Edit	Cross reference correction	N/A	60
9.3		9. 3- 5a	Add	Reflects addition of reactor coolant crud sampler	N/A	56
9.3		9. 3- 5a	Correct	Revised to reflect deletion of reactor coolant crud sampler	0112	63
9.3		9. 3- 6	Clarify	Removed exceptions from the statement that "all sample lines outside containment have manual isolation valves"	N/A	55
9.3		9. 3- 6	Add	Reflects addition of reactor coolant crud station	N/A	56
9.3		9. 3- 6	Correct	Revised to reflect deletion of reactor coolant crud sampler	0112	63
9.3	T	9. 3- 6 SH 1	Correct	Corrected design parameters for listed components	0528	63
9.3	T	9. 3- 6 SH 1	Edit	Relocated page number	N/A	55
9.3	T	9. 3- 6 SH 1	Edit	Typographical errors corrected	0112	63
9.3	T	9. 3- 6 SH 1	Edit	Revised equipment nomenclature	0112	63
9.3	T	9. 3- 6 SH 1	Edit	Revised equipment nomenclature	0112	63
9.3	T	9. 3- 6 SH 2	Correct	Corrected design parameters for listed components	0528	63
9.3		9. 3- 8	Add	Reflects addition of the reactor coolant system crud sampler	N/A	56
9.3		9. 3- 8	Clarify	Added the sampling panels drip pans as an exception to the statement that "liquid waste from the SEC HRSS, is routed to the waste holdup tank"	N/A	55
9.3	T	9. 3- 8 SH 1	Correct	Indicated additional aux feedwater valves supplied with aux control air	0460	63
9.3	T	9. 3- 8 SH 2	Edit	Corrected typographical errors	0460	63
9.3	T	9. 3- 8 SH 3	Edit	Added radiation monitoring sample line isolation valves to list of equipment supplied aux control air	0530	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.3	T	9. 3- 8 SH 3	Edit	Corrected typographical errors	0460	63
9.3		9. 3- 8a	Clarify	More clearly indictes the capbility of the RCS stripped gas sampling	0460	63
9.3		9. 3- 8a	Clarify	Detailed the floor drain system as the destination of the sampling panels' liquid waste		55
9.3		9. 3- 8b	Edit	Corrected typographical errors	N/A	55
9.3		9. 3- 8c	Clarify	Provided additional information regarding sample lines thermal expansion qualification	0468	63
9.3		9. 3- 13	Edit	Revised the reference from chapter 16 to WBN tech spec	N/A	60
9.3	F	9. 3- 15 SH 2	Edit	Minor revision to reflect actual configuration	N/A	56
9.3	F	9. 3- 15 SH 3	Clarify	Deleted selected hydrostatic test boundaries and revision ION exchange header A&B interface with the holdup tank - interface with the holdup tank	N/A	56
9.3	F	9. 3- 15 SH 5	Edit	Minor revision to reflect actual configuration (e.g., boron injection tank and boric acid tank interface valve shown locked closed)	N/A	56
9.3	F	9. 3- 15 SH 6	Clarify	General update - incorporated clearer representation of vent compressor equipment and vent condenser vent heater interface, etc.	N/A	56
9.3	F	9. 3- 15 SH 10	Correct	General update - numerous changes	N/A	56
9.3	F	9. 3- 15 SH 12	Edit	Minor revision to reflect actual configuration (e.g., boron injection tank and boric acid tank interface valve shown locked closed)	N/A	56
9.3		9. 3- 17	Clarify	Corrected verbage to accurately portray system logic	N/A	56
9.3	F	9. 3- 21	Edit	Figure deleted - not referenced in text	N/A	62
9.3		9. 3- 26	Clarify	Corrected verbage to accurately portray system logic	N/A	56
9.3		9. 3- 43	Clarify	Corrected verbage to accurately reflect system logic	N/A	55
9.3		9. 3- 45	Edit	Typographical errors corrected	N/A	55
9.3		9. 3- 50	Edit	Typographical errors corrected	N/A	55

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.3		9. 3- 51	Edit	Typographical errors corrected	N/A	56
9.3		9. 3- 52	Clarify	More clearly details boric acid evaporator package operation	N/A	56
9.3		9. 3- 55	Clarify	Added makeup water treatment plant to list of systems and components heat traced	N/A	56
9.3		9. 3- 55	Edit	Reworded for clarity and typographical error corrected	0112	63
9.4		9. 4- 1	Correct	Revised bulb temperatures to reflect WBN design	0537	63
9.4		9. 4- 1	Correct	Deleted chlorine as a parameter that initiates MCR isolation	N/A	56
9.4		9. 4- 1	Correct	Added MCR air intake high temperature detectors	N/A	55
9.4		9. 4- 1	Correct	Revised maximum design outdoor temperatures (dry bulb) to agree with WBN criteria	0537	63
9.4		9. 4- 1	Correct	Revised to reflect removal of Control Building air intake high temperture monitors	0112	63
9.4	T	9. 4- 1	Delete	Deleted due to incorrect and redundant information	0555	63
9.4		9. 4- 2	Correct	Reflects deletion of chlorine as a parameter that initiates MCR isolation	N/A	56
9.4	T	9. 4- 3 SH 2	Edit	Corrected given elevation for item 10	0112	63
9.4		9. 4- 4	Edit	Typographical error corrected	0508	63
9.4		9. 4- 4	Edit	Rewording for clarity	0479	63
9.4	T	9. 4- 4 SH 1	Clarify	Generally revised to reflect updated parameter values, additional specifics regarding failure mode and postulated effect on the diesel generator ventilation system.	N/A	56
9.4	T	9. 4- 4 SH 2	Clarify	Generally revised to reflect updated parameter values, additional specifics regarding failure mode and postulated effect on the diesel generator ventilation system.	N/A	56
9.4	T	9. 4- 4 SH 2	Correct	Revised maximum design outdoor temperature (dry bulb) to agree with design criteria	0537	63
9.4	T	9. 4- 4 SH 3	Clarify	Generally revised to reflect updated parameter values, additional specifics regarding failure mode and postulated effect on the diesel generator ventilation	N/A	56
9.4	T	9. 4- 4 SH 5	Clarify	Generally revised to reflect updated parameter values, additional specifics regarding failure mode and postulated effect on the diesel generator ventilation	N/A	56

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.4	T	9. 4- 4A SH 1	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4	T	9. 4- 4A SH 2	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4	T	9. 4- 4A SH 2	Revision	Reflects addition of 5th diesel generator	0537	63
9.4	T	9. 4- 4A SH 3	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4	T	9. 4- 4A SH 4	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4	T	9. 4- 4A SH 5	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4	T	9. 4- 4A SH 6	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4	T	9. 4- 4A SH 7	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4		9. 4- 5	Clarify	Clarified when control building environmental air is filtered	0464	63
9.4		9. 4- 5	Edit	Rewording for clarity	0479	63
9.4		9. 4- 5	Correct	Corrected capacity of air conditioning for electric bd rooms	N/A	55
9.4		9. 4- 5	Edit	Typographical error corrected	0508	63
9.4		9. 4- 6	Correct	Reflected deletion of chlorine as a parameter that initiates MCR isolation	N/A	56
9.4	T	9. 4- 7 SH 1	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 1	Correct	Removes description of control room positive pressure indication	0112	63
9.4	T	9. 4- 7 SH 2	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 3	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 4	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 5	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.4	T	9. 4- 7 SH 6	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 7	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 8	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 9	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 10	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 11	Edit	Corrected item cross-references	N/A	55
9.4	T	9. 4- 7 SH 11	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 12	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 12	Edit	Correct item cross-reference	N/A	55
9.4	T	9. 4- 7 SH 13	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 14	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.4	T	9. 4- 7 SH 15	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 15	Edit	Typographical error corrected		63
9.4	T	9. 4- 7 SH 16	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 17	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 18	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 19	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 20	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated effect on the control building HVAC system, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 21	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated affect on the control building HVAC sytem, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 22	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated affect on the control building HVAC sytem, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 23	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated affect on the control building HVAC sytem, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 24	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated affect on the control building HVAC sytem, consolidated items, renumbered items, and provided additional remarks	N/A	56

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.4	T	9. 4- 7 SH 25	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated affect on the control building HVAC sytem, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 25	Clarify	Clarifies spreading room information	0466	63
9.4	T	9. 4- 7 SH 25	Clarify	Revised to clarify isolation damper operation	0112	63
9.4	T	9. 4- 7 SH 26	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated affect on the control building HVAC sytem, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4	T	9. 4- 7 SH 27	Clarify	Generally revised to reflect additional specifics regarding failure mode and postulated affect on the control building HVAC sytem, consolidated items, renumbered items, and provided additional remarks	N/A	56
9.4		9. 4- 8	Clarify	Clarified that battery room ventilation is not required to operate during smoke removal	N/A	56
9.4		9. 4- 8	Clarify	Clarified that battery room ventilation is not required to operate during smoke removal	N/A	55
9.4	T	9. 4- 8 SH 1	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 2	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 3	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 4	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 5	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.4	T	9. 4- 8 SH 6	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 7	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 8	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 9	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 10	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 11	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 12	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 13	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 14	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.4	T	9. 4- 8 SH 15	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 16	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 17	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 18	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 19	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 8 SH 20	Clarify	Generally revised to reflect change of title from "Auxiliary Bldg Fuel Handling Area" to "Auxiliary Bldg General Ventilation System", added a substantial number of items (47 items added to table 94.-8) & deleted backdraft dampers	N/A	56
9.4	T	9. 4- 9 SH 1	Clarify	General revised to consolidate items, renumber items, more clearly link items to component numbers, reflect additional specifics regarding postulated effects of failure of individual components or the shutdown bd rm A/C and to provide add. remarks	N/A	56
9.4	T	9. 4- 9 SH 2	Clarify	Generally revised to consolidate items, renumber items, more clearly link items to component numbers, reflect additional specifics regarding postulated effects of failure of individual components or the shutdown bd rm A/C and to provide add. remarks	N/A	56

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.4	T	9. 4- 9 SH 2	Edit	Typographical error corrected		63
9.4	T	9. 4- 9 SH 3	Clarify	Generally revised to consolidate items, renumber items, more clearly link items to component numbers, reflect additional specifics regarding postulated effects of failure of individual components or the shutdown bd rm A/C and to provide add. remarks	N/A	56
9.4	T	9. 4- 9 SH 4	Clarify	Generally revised to consolidate items, renumber items, more clearly link items to component numbers, reflect additional specifics regarding postulated effects of failure of individual components or the shutdown bd rm A/C and to provide add. remarks	N/A	56
9.4	T	9. 4- 9 SH 5	Clarify	Generally revised to consolidate items, renumber items, more clearly link items to component numbers, reflect additional specifics regarding postulated effects of failure of individual components or the shutdown bd rm A/C and to provide add. remarks	N/A	56
9.4	T	9. 4- 9 SH 6	Clarify	Generally revised to consolidate items, renumber items, more clearly link items to component numbers, reflect additional specifics regarding postulated effects of failure of individual components or the shutdown bd rm A/C and to provide add. remarks	N/A	56
9.4		9. 4- 10	Clarify	Clarifies that short duration abnormal temp excursions are acceptable	N/A	56
9.4		9. 4- 10	Correct	Revised to reflect design change	0460	63
9.4	T	9. 4- 10	Edit	Table indicating compliance to RG 1.140 (R1) deleted	N/A	56
9.4		9. 4- 11	Correct	Reflects deletion of chlorine as a parameter that initiates MCR isolation	N/A	56
9.4	T	9. 4- 11	Edit	Table entitled, "Non-ESF Air Clean up Unit Data" was deleted	N/A	56
9.4		9. 4- 12	Correct	Revised maximum design outdoor temp (dry bulb) to agree with WBN criteria	0537	63
9.4		9. 4- 12	Clarify	Revised to reflect fuel handling area ventilation specifics	0112	63
9.4		9. 4- 15	Correct	Revised maximum design outdoor temp (dry bulb) to agree with WBN criteria	0537	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.4		9. 4- 18	Add	Adds an environmental consideration for unit 1 and unit 2 interface interim operation item	N/A	56
9.4		9. 4- 20	Correct	Reflects details of the operation of shutdown board room (SDBR) A/C chillers	N/A	59
9.4	F	9. 4- 22A	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4	F	9. 4- 22B	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4	F	9. 4- 22C	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4		9. 4- 23	Clarify	Reflects exhaust fan and respective damper interlock for SBDR A/C	N/A	55
9.4		9. 4- 24	Correct	Corrected capacity of sample room fans	N/A	56
9.4		9. 4- 24	Correct	Corrected capacity of sample room fans	N/A	55
9.4		9. 4- 24	Correct	Revised diesel generator air cond. flowing wet bulb air temp to agree with design drawing	0508	63
9.4		9. 4- 24	Correct	Revised maximum design outdoor temperature (dry bulb) to agree with design criteria	0537	63
9.4		9. 4- 28	Edit	Rewording for clarity	N/A	55
9.4		9. 4- 29	Clarify	Revised failure modes and effects analysis to reflect plant configuration	0112	63
9.4		9. 4- 30	Correct	Revised maximum design outdoor temperature (dry bulb) to agree with design criteria	0537	63
9.4		9. 4- 36	Correct	Revised maximum design outdoor temperature (dry bulb) to agree with design criteria	0537	63
9.4		9. 4- 38	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4		9. 4- 38	Edit	Typographical error corrected	0112	63
9.4		9. 4- 38	Clarify	Revised to clarify start logic for the second diesel generator room exhaust fan	0112	63
9.4		9. 4- 39	Correct	Revised maximum design outdoor temperature (dry bulb) to agree with design criteria	0537	63
9.4		9. 4- 39	Clarify	Revised to clarify relationship of battery room ventilation to CO2 initiation	0112	63
9.4		9. 4- 40	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4		9. 4- 40	Edit	Typographical error corrected	0112	63
9.4		9. 4- 41	Edit	Section renumbering	N/A	57
9.4		9. 4- 41	Clarify	Revised to clarify relationship of battery room ventilation to CO2 initiation and to clarify battery room ventilatin specifics	0112	63

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.4		9. 4- 42	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4		9. 4- 42	Edit	Reworded for clarity	0464	63
9.4		9. 4- 42	Clarify	Revised to clarify start logic for the second diesel generator (DG) room exhaust fan and to reflect additional DB Building areas ventilated.	0112	63
9.4		9. 4- 42a	Correct	Reflects addition of 5th diesel generator	N/A	57
9.4		9. 4- 42a	Revision	Revised maximum design outdoor temperture (dry bulb) to agree with design criteria	0537	63
9.4		9. 4- 42a	Edit	Typographical error corrected	0112	63
9.4		9. 4- 42b	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4		9. 4- 42c	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4		9. 4- 44	Correct	Revised maximum design outdoor temperature (dry bulb) to agree with design criteria	0537	63
9.4		9. 4- 46	Revision	Revised criteria for Reactor Building purge ventilating system from "monitoring containment exhaust during an accident" to "clean up containment exhaust during a fuel handling accident"	N/A	55
9.4		9. 4- 47	Clarify	Clarified the safety-related provisions of the Reactor Building purge ventilatng system including administrative controls for its isolation	N/A	55
9.4		9. 4- 47	Clarify	Referenced WBN tech spec for the operating limitations of RB purge system	N/A	56
9.4		9. 4- 47	Edit	Typographical error corrected	0508	63
9.4		9. 4- 48	Edit	Removed exceptions to seismic qualification for the RB purge system	N/A	55
9.4		9. 4- 50	Edit	Reinserts inadvertently deleted information	N/A	55
9.4		9. 4- 51	Edit	Typographical error corrected	0508	63
9.4		9. 4- 51	Clarify	Gives more detail of purge system isolation valve operating characteristics	N/A	56
9.4		9. 4- 51	Edit	Reflects deletion of table 9.4-10	N/A	55
9.4		9. 4- 52	Edit	Denoted type of accident referenced	N/A	55
9.4		9. 4- 53	Edit	Reflects deletion of table 9.4-10	N/A	55
9.4		9. 4- 55	Edit	Typographical error corrected	N/A	55

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.4		9. 4- 58	Correct	Revised maximum design outdoor temperature (dry bulb) to agree with design criteria	0537	63
9.4		9. 4- 59	Edit	Subheading added	0508	63
9.4		9. 4- 59	Clarify	Revised maximum design outdoor temperature (dry bulb) to agree with design criteria	0537	63
9.4		9. 4- 60	Correct	Revised maximum design outdoor temperature (dry bulb) to agree with design criteria	0537	63
9.5	T	9. 5- 2	Edit	Typographical error corrected		63
9.5	T	9. 5- 2	Edit	Deleted solenoid valve that selects day tank for receipt of fuel from 7-day tank from table.	N/A	57
9.5		9. 5- 4	Clarify	Revised description of fire pump start logic	N/A	55
9.5		9. 5- 7	Clarify	Description of plant communications reworded	N/A	55
9.5		9. 5- 8	Clarify	Description of plant communications reworded for clarity and accuracy	N/A	55
9.5		9. 5- 9	Clarify	Description of plant communications reworded for clarity and accuracy	N/A	55
9.5		9. 5- 10	Clarify	Description of plant communications reworded for clarity and accuracy	N/A	55
9.5		9. 5- 10	Correct	Corrected description of plant communications	0112	55
9.5		9. 5- 11	Edit	Deleted specific db ratings for speakers and devices (manufacturer dependant)	0522	63
9.5		9. 5- 11	Clarify	Description of plant communications (codes, alarms, and paging) reworded	N/A	55
9.5		9. 5- 11	Correct	Corrected description of plant communications	0112	55
9.5		9. 5- 12	Clarify	Description of plant communication (codes, alarms, and paging) reworded	N/A	55
9.5		9. 5- 12	Correct	Corrected description of plant communications	0112	63
9.5		9. 5- 13	Clarify	Description of plant communication (general interplant) reworded	N/A	55
9.5		9. 5- 13	Correct	Corrected description of plant communications	0112	63
9.5		9. 5- 14	Clarify	Description of plant communication (evacuation) reworded	N/A	55
9.5		9. 5- 14	Correct	Corrected description of plant communications	0112	63
9.5		9. 5- 15	Edit	Added reference to figure 9.5-17	N/A	55

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.5		9. 5- 16	Clarify	Description of plant communications (intraplant) reworded	N/A	55
9.5		9. 5- 16	Correct	Corrected description of plant communications and an operations job title	0112	63
9.5	F	9. 5- 16	Edit	Reworded for clarity	N/A	55
9.5	F	9. 5- 17	Clarify	Revised to more clearly represent intraplant communications system	N/A	55
9.5	F	9. 5- 17	Clarify	Revised to more clearly represent intraplant communications system	0112	63
9.5		9. 5- 19	Edit	Rewording for clarity	N/A	55
9.5		9. 5- 19	Correct	Revised to list the electrical feeds for the lighting system	0112	63
9.5	F	9. 5- 19	Clarify	Updated availability of various plant communication subsystems for postulated conditions	N/A	55
9.5	F	9. 5- 19	Clarify	Revised to more clearly represent intraplant communications system	0112	63
9.5		9. 5- 20	Edit	Rewording for clarity	N/A	55
9.5	F	9. 5- 20	Correct	Revised to indicate deletion to biocide supply and injection pump and reflects renumbering of components	N/A	57
9.5	F	9. 5- 20A	Revision	Reflects addition of 5th diesel generator	N/A	57
9.5		9. 5- 21	Revision	Reflects addition of 5th diesel generator	N/A	57
9.5		9. 5- 21	Clarify	Clarifies quality requirements of diesel generator skid-mounted auxiliaries.	0508	63
9.5		9. 5- 21	Edit	Typographical error corrected	0505	63
9.5		9. 5- 21a	Revision	Reflects addition of 5th diesel generator	N/A	57
9.5		9. 5- 22	Revision	Reflects addition of 5th diesel generator	N/A	57
9.5		9. 5- 22	Clarify	Provided additional detail related to embedded diesel general fuel storage tanks	N/A	58
9.5		9. 5- 22	Correct	Revised to correctly reflect the auto high level pump shut off interlock between the ADGB fuel oil tanks and the yard transfer pump	0112	63
9.5		9. 5- 23	Clarify	Referenced Tech Spec as source of surveillance of diesel fuel sampling	N/A	55
9.5		9. 5- 23	Edit	Deleted reference to federal specification VV-F-800B regarding contractual requirements for fuel oil	0513	63

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## FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.5		9. 5- 23	Edit	Deleted specific fuel oil surveillance parameters (e.g., sediment and flashpoint)	N/A	56 63639
9.5		9. 5- 24	Revision	Reflects addition of 5th diesel generator	N/A	57 63606
9.5		9. 5- 24	Edit	Deleted functions previously described for the fuel transfer pump located in the Diesel General Bldg	N/A	56 63638-41
9.5		9. 5- 24	Edit	Rewording for clarity	N/A	58
9.5		9. 5- 24	Clarify	Revised to reflect reference to R.G. 1.137 (rev. 1) and to delete unnecessary detail	0112	63
9.5	F	9. 5- 24	Correct	Revised to reflect actual system configuration - incorporates several minor clarifications	N/A	57
9.5	F	9. 5- 24A	Revision	Reflects addition of 5th diesel generator	N/A	57
9.5		9. 5- 25	Revision	Reflects addition of 5th diesel generator	N/A	57
9.4		9. 5- 25	Edit	Resubmitted to correct amend 58 processing error	N/A	60
9.5	F	9. 5- 25	Correct	Revised for correction and to provide additional information (e.g., notes added)	N/A	57
9.5		9. 5- 26	Revision	Reflects addition of 5th diesel generator	N/A	57
9.5		9. 5- 26	Edit	Deleted surveillance requirements for the diesel generator fuel oil system	N/A	55
9.5		9. 5- 26	Edit	Typographical error corrected	N/A	58
9.5		9. 5- 26	Edit	Cross-reference correction	0460	63
9.5		9. 5- 26	Clarify	Clarifies quality requirements of diesel generator skid-mounted auxiliaries	0505	63
9.5		9. 5- 26	Clarify	Added surveillance requirements for the Diesel Generator fuel oil system	N/A	56
9.5	F	9. 5- 26	Correct	General Update	N/A	57
9.5		9. 5- 27	Edit	Subsection titles added	N/A	57
9.5		9. 5- 27	Clarify	Specified ASME Section 3, Class 3 for the off-skid diesel generator cooling water system	N/A	55
9.5		9. 5- 27	Edit	Reworded for clarity	0505	63
9.5		9. 5- 28	Clarify	Clarifies quality requirements of diesel generator skid mounted auxiliaries	0505	63
9.5		9. 5- 28	Edit	Deleted reference the technical specifications for periodic testing of the diesel generator coolant water system	0526	63

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.5		9. 5- 28	Edit	Deleted non-test related verbage and reflects addition of 5th diesel generator	N/A	57 63606
9.5		9. 5- 29	Clarify	Deletes redundant information which is now provided in Section 9.5.6.1 (page 9.5-28)	0505	63
9.5		9. 5- 29	Clarify	Diesel generator start air accumulator rechange time corrected to agree with preoperational testing experience	0460	63
9.5		9. 5- 29	Edit	Rewording for clarity	N/A	57
9.5		9. 5- 29	Correct	Corrected classification of diesel generator start air system	0112	63
9.5		9. 5- 30	Clarify	Reflects additional information regarding the diesel generator lubrication system	0522	63
9.5		9. 5- 30	Edit	Added cross-references and subheading	N/A	57 63638-41
9.5		9. 5- 31	Revision	Provides addition information regarding the diesel generator lubricating oil system and reflects addition of the 5th diesel generator	N/A	57
9.5		9. 5- 31	Edit	Typographical error corrected	N/A	58
9.5		9. 5- 31	Clarify	Clarifies quality requirements of diesel generator skid-mounted auxiliaries	0505	63
9.5		9. 5- 32	Revision	Deleted specifics of maintenance requirements for the lubricating oil system and reflects addition of the 5th diesel generator	N/A	57 63606
9.5		9. 5- 32	Clarify	Clarifies storage location of standby oil reserve	N/A	54
9.5		9. 5- 32	Edit	Added the term "tandem" to describe diesels	N/A	58
9.5		9. 5- 32	Edit	Reworded for clarity	N/A	55
9.4		9. 5- 32	Edit	Resubmitted to correct amend 58 processing error	N/A	60
9.5		9. 5- 32a	Clarify	Clarifies quality requirements of diesel generator skid mounted auxiliaries	0505	63 63638-41
9.5		9. 5- 33	Edit	Reworded for accuracy	N/A	56
9.5		9. 5- 33	Edit	Typographical error corrected		63
9.5		9. 5- 33	Edit	Added a reference to a WBN preop test	N/A	58
9.5		9. 5- 33	Revision	Reflects addition of 5th diesel generator	N/A	57 63606
9.5		9. 5- 34	Clarify	Reworded to discuss the continuous drain to the diesel generator exhaust silencer	N/A	56 63638-41



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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
9.5		9. 5- 34	Clarify	Revised to generally reference plant maintenance instructions and to clarify that inspections of diesel generator air intake and exhaust subsystem can be conducted with the system operating	N/A	55
** Chapter: 10						
10.1	T	10. 1- 1 SH 2	Edit	Correction for consistency with recommended changes to page 10.4-24	0518	63
10.1	T	10. 1- 1 SH 2	Correct	Corrected main feedwater pump turbine specifics	0113	63
10.1	T	10. 1- 1 SH 6	Edit	Inserted page number	N/A	55
10.1	T	10. 1- 1 SH 6	Correct	Corrected steam generator safety valve specifics	0113	63
10.2		10. 2- 9	Clarify	Gives additional information regarding testing of the turbine control system	N/A	56
10.2		10. 2- 9a	Clarify	Provided add'l information regarding turbine rotor inspection intervals, operating characteristics & testing rqmts for the Turbine Overspeed Protection System (TOPS) turbine control valves, & the mechanical overspeed trip device for the main turbine	N/A	56
10.2		10. 2- 9a	Edit	Typographical errors corrected	0113	63
10.2		10. 2- 9b	Clarify	Provided add'l information regarding turbine rotor inspection intervals, operating characteristics & testing rqmts for the Turbine Overspeed Protection System (TOPS) turbine control valves, & the mechanical overspeed trip device for the main turbine	N/A	56
10.2		10. 2- 9c	Clarify	Provided add'l information regarding turbine rotor inspection intervals, operating characteristics & testing rqmts for the Turbine Overspeed Protection System (TOPS) turbine control valves, & the mechanical overspeed trip device for the main turbine	N/A	56
10.2		10. 2- 10	Clarify	References other turbine protection features	N/A	56
10.2		10. 2- 11	Correct	Provided add'l info regarding turbine rotor inspection consistent with changes described for 10.2-9C and corrected by the DBVP licensing verification effort	0513	63
10.2		10. 2- 11	Edit	Revised for consistency	0113	63
10.2		10. 2- 12	Correct	Corrected by the DBVP licensing verification effort	0513	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
10.2		10. 2- 12	Edit	Reworded for clarity	0113	63
10.3	T	10. 3- 1	Edit	Corrected reference	0522	63
10.3		10. 3- 2	Correct	Revised to agree with Main Steam System Description	N/A	55
10.3		10. 3- 2	Correct	Revised to reflect SG blowdown pressures should the safety valves fail to reseal until secondary side pressure drops to 10% below valve setpoint	0507	63
10.3		10. 3- 2	Edit	Revised to reference Table 10.1-1 for steam generator safety valve data	0113	63
10.3	T	10. 3- 2	Correct	Revision for accuracy	N/A	55
10.3	T	10. 3- 2	Clarify	Corrected expected main feedwater concentration of hydrazine	0513	63
10.3	T	10. 3- 2	Clarify	Revised to more clearly reflect source of chemistry specifications for feedwater and steam generator secondary side	0113	63
10.3		10. 3- 5	Edit	Corrected a cross-reference discrepancy	N/A	60
10.3		10. 3- 6	Edit	Corrected a cross-reference discrepancy	N/A	60
10.3		10. 3- 6	Edit	Reworded for clarity and typographical error corrected	0113	63
10.3		10. 3- 8	Edit	Deleted reference to ANSI N45.2.1-1973	0549	63
10.3		10. 3- 8	Clarify	Revised to reflect commitment for materials selection and fabrication	0555	63
10.4		10. 4- 3	Correct	Typo correction	0513	63
10.4		10. 4- 3	Edit	Corrected equipment nomenclature	0113	63
10.4		10. 4- 4	Correct	Corrected by the DBVP licensing verification effort.	0513	63
10.4		10. 4- 7	Correct	Corrected by the DBVP licensing verification effort.	0513	63
10.4		10. 4- 13	Edit	Rewording for clarity	N/A	55
10.4		10. 4- 13	Clarify	Corrected wet bulb temperature to agree with WBN design criteria and corrected typographical errors	0113	63
10.4		10. 4- 15	Edit	No change - page back	N/A	62
10.4		10. 4- 16	Edit	Typo corrected	N/A	62
10.4		10. 4- 16a	Clarify	Reworded and additional info provided for clarity	0499	63

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.	
10.4		10. 4- 17	Correct	Revised to agree with the condensate demineralizer system description	0499	63	dk
10.4		10. 4- 17	Edit	Corrected by the DBVP licensing verification effort	0513	63	63594
10.4		10. 4- 17	Edit	No change - page back	N/A	62	ok
10.4		10. 4- 17	Clarify	Reworded for clarity and replaced radioactivity level with reference to source document used to determine it's value (ODCM)	0113	63	77553
10.4		10. 4- 18	Edit	Corrected reference to figures	N/A	62	dk
10.4		10. 4- 18	Correct	Corrected by the DBVP licensing verification effort	0513	63	63594
10.4		10. 4- 19	Correct	Corrected by the DBVP licensing verification effort	0513	63	
10.4	F	10. 4- 23	Correct	Corrected by the DBVP licensing verification effort.	0518	63	
10.4		10. 4- 24	Correct	Corrected by the DBVP licensing verification effort	0518	63	
10.4		10. 4- 24	Correct	Corrected by the DBVP licensing verification effort	0518	63	ok
10.4		10. 4- 24	Correct	Corrected by the DBVP licensing verification effort	0518	63	
10.4		10. 4- 24	Correct	Corrected to agree with equipment nameplate data and Table 10.1-1	0113	63	
10.4		10. 4- 27	Clarify	Reworded for clarity and to reflect feedwater control logic	N/A	55	
10.4		10. 4- 27a	Edit	Deleted redundancy	0519	63	ok
10.4		10. 4- 27a	Edit	Deleted redundancy	0508	63	
10.4		10. 4- 27a	Clarify	Gives additional details of the feedwater system description	N/A	55	
10.4		10. 4- 27a	Edit	Reworded for clarity	N/A	60	
10.4		10. 4- 27b	Clarify	Gives additional details of the feedwater system description	N/A	55	63594
10.4		10. 4- 30	Clarify	Clarified controls associated with feedwater isolation	N/A	55	
10.4		10. 4- 30	Edit	Cleanup from Amendment 53	0508	63	
10.4		10. 4- 30	Correct	Corrected by the DBVP licensing verification effort	0518	63	

FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
10.4		10. 4- 30a	Edit	Deleted information restated on page 10.4-30 by Amendment 55	N/A	60
10.4		10. 4- 30a	Edit	Delete redundant information	0518	60
10.4		10. 4- 31	Edit	No change - page back	N/A	61
10.4		10. 4- 31	Edit	Deleted redundant information	N/A	55
10.4		10. 4- 33	Edit	Typographical error corrected	0510	63
10.4		10. 4- 33	Edit	Corrected value for steam genertor blowdown rate	0113	63
10.4		10. 4- 34	Clarify	Revised to provide source of method of calculating the cooling tower blowdown radioactivity setpoint.	0510	63
10.4		10. 4- 35	Clarify	Revised to provide source of method of calculating the cooling tower blowdown radioactivity setpoint.	0510	63
10.4	F	10. 4- 36	Edit	Deleted FSAR figure 10.4-36 due to figure renumbering	N/A	62
10.4	F	10. 4- 36A	Clarify	Revised to agree with actual plant configuration and renumbered	N/A	62
10.4	F	10. 4- 36B	Clarify	General update from revision 13 to revision 20 (and renumbered)	N/A	62
10.4	F	10. 4- 36C	Clarify	General update from revision 12 to revision 19 (and renumbered)	N/A	62
10.4		10. 4- 38	Edit	Corrected reference to WBN Tech Specs	N/A	62
10.4		10. 4- 39	Edit	Corrects cross-reference	0464	63
10.4		10. 4- 39	Edit	No change - page back	N/A	62
10.4		10. 4- 39	Edit	Corrects cross-reference	0510	63
10.4		10. 4- 42	Edit	Reworded for clarity	0477	63
10.4		10. 4- 42a	Correct	Corrected to reflect power supply for AFW turbine driven pump steam supply valves	0504	63
10.4		10. 4- 43	Correct	Corrected by the DBVP licensing verification effort	0518	63
10.4		10. 4- 43	Edit	Removed reference to local start capability for AFW pumps	N/A	55
10.4		10. 4- 43	Edit	Removed reference to FSAR Chapter 16	N/A	56
10.4		10. 4- 44	Correct	Corrected by the DBVP licensing verification effort	0518	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
10.4		10. 4- 46	Correct	Corrected by the DBVP licensing verification effort	0518	63
10.4		10. 4- 46	Correct	Corrected by the DBVP licensing verification effort	0518	63
10.4		10. 4- 47	Correct	Corrected by the DBVP licensing verification effort	0518	63
10.4		10. 4- 47	Correct	Corrected by the DBVP licensing verification effort	0518	63
10.4		10. 4- 53	Correct	Corrected by the DBVP licensing verification effort	0513	63
10.4		10. 4- 53	Edit	Reworded for clarity	0113	63
** Chapter: 11						
		11-i	Edit	table of contents correction	N/A	63
		11-ii	Edit	table of contents correction	N/A	63
		11-iii	Edit	table of contents correction	N/A	63
11.1		11. 1- 1	Edit	Typographical error corrected	0539	63
11.1		11. 1- 2	Edit	Typographical error corrected	0508	63
11.4		11. 1- 4	Edit	Deleted redundant material	N/A	56
11.1	T	11. 1- 6	Edit	Typographical error corrected	0508	63
11.1	T	11. 1- 6	Edit	Revised to scientific notation	0114	63
11.2	T	11. 2- 1 SH 2	Edit	Corrected by DBVP licensing verification effort	0513	63
11.2		11. 2- 2	Edit	Typographical error corrected	N/A	55
11.2		11. 2- 2	Clarify	Revised to more accurately specify liquid waste processing system (LWPS) shared components and the safety function of the LWPS	0114	63
11.2	T	11. 2- 2 SH 1	Correct	Revised value of floor drain tank inventory (curies)	N/A	55
11.2	T	11. 2- 2 SH 2	Correct	Revised value of floor drain tank inventory (curies)	N/A	55
11.2		11. 2- 3	Edit	Reworded for clarity and typographical errors corrected	N/A	55
11.2		11. 2- 3	Edit	Reworded for clarity	0114	63
11.2	T	11. 2- 3 SH 1	Clarify	Revised to reflect actual equipment characteristics	0460	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
11.2	T	11. 2- 3 SH 1	Clarify	Revised to reflect actual equipment characteristics	0114	63
11.2	T	11. 2- 3 SH 2	Correct	Corrected by DBVP licensing verification effort	0513	63
11.2	T	11. 2- 3 SH 3	Correct	Corrected by DBVP licensing verification effort	0513	63
11.2	T	11. 2- 3 SH 5	Correct	Corrected by DBVP licensing verification effort	0513	63
11.2	T	11. 2- 3 SH 5	Correct	Corrected by DBVP licensing verification effort	0513	63
11.2	T	11. 2- 3 SH 6	Correct	Corrected by DBVP licensing verification effort	0513	63
11.2		11. 2- 6	Edit	Equipment nomenclature corrected	0513	63
11.2		11. 2- 6	Correct	Deleted incorrect statement regarding reactor coolant drain tank venting	0114	63
11.2		11. 2- 7	Correct	Corrected by DBVP licensing verification effort	0518	63
11.2		11. 2- 7	Edit	Typographical error corrected	0508	63
11.2		11. 2- 7	Edit	Reworded for clarity and revised to delete redundant information	0114	63
11.2		11. 2- 7a	Edit	Carryover from correction to page 11.2-7	0518	63
11.2		11. 2- 7a	Edit	Deleted redundant information	0114	63
11.2		11. 2- 8	Correct	Corrected by DBVP licensing verification effort	0513	63
11.2		11. 2- 8	Edit	Reworded for clarity	0114	63
11.2		11. 2- 10	Correct	Corrected by DBVP licensing verification effort	0518	63
11.2		11. 2- 10	Correct	Corrected by DBVP licensing verification effort	0513	63
11.2		11. 2- 10	Edit	Reworded for clarity	0114	63
11.2		11. 2- 12	Clarify	Revised to more clearly represent WBN's Preventive Maintenance program	0545	63
11.2		11. 2- 15	Edit	Typographical error correction	0508	63
11.2		11. 2- 24	Edit	Inserted information previously inadvertently omitted	N/A	56
11.3	T	11. 3- 1	Edit	Typographical errors corrected	0508	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
11.3	T	11. 3- 1	Edit	Typographical errors corrected	N/A	55
11.3		11. 3- 6	Clarify	Provides additional details of volume control tank de-gassing	N/A	55
11.3		11. 3- 7	Edit	Typographical errors corrected	0508	63
11.3		11. 3- 9	Edit	Typographical errors corrected	0508	63
11.3		11. 3- 10	Edit	Typographical errors corrected	0508	63
11.3		11. 3- 11	Edit	Revised for nomenclature consistency	0508	63
11.3	T	11. 3- 11	Edit	Typographical errors corrected	0508	63
11.3		11. 3- 12	Edit	Revised for nomenclature consistency	0508	63
11.3		11. 3- 12	Correct	Revised to correct value for pressure drop across condenser vacuum exhaust vent filters	0114	63
11.5	T	11. 4- 1	Edit	Monitor nomenclature revised	N/A	55
11.5	T	11. 4- 2 SH 1	Edit	Addition monitor range information given and notes expanded	N/A	56
11.5	T	11. 4- 2 SH 2	Edit	Monitor nomenclature revised, typographical errors corrected and redundant instrumentation numbers deleted	N/A	55
11.5	T	11. 4- 2 SH 2	Edit	Monitor nomenclature revised and text referenced	N/A	55
11.5		11. 4- 3	Edit	Section title revised	N/A	55
11.5	T	11. 4- 3 SH 1	Edit	Redundant instrumentation numbers deleted	N/A	55
11.5	T	11. 4- 3 SH 2	Edit	As affected by relationship to sheet 1	N/A	55
11.5		11. 4- 4	Edit	Section title revised	N/A	55
11.5		11. 4- 4	Edit	Revised to delete unnecessary detail	0114	63
11.5		11. 4- 5	Edit	Section title revised	N/A	55
11.5		11. 4- 6	Edit	Deleted extraneous info, revised a section title, and revised condenser vacuum exhaust monitor ranges	N/A	55
11.5		11. 4- 7	Edit	Added information regarding taking of samples from the condenser vacuum exhaust	N/A	56
11.5		11. 4- 7	Edit	Deleted incorrect cross-reference	0465	63
11.5		11. 4- 7	Clarify	Revised total exposure rate for sources from the spent fuel pit	N/A	55
11.5		11. 4- 7a	Edit	Created by page carry-over	N/A	56

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
11.5		11. 4- 8	Clarify	Revised ventilation monitor(s) description	N/A	55
11.5		11. 4- 9	Correct	Corrected typos and corrected Shield Building exhaust monitor accident range	N/A	55
11.5		11. 4- 9	Edit	Corrected cross-reference discrepancy	N/A	62
11.5		11. 4- 10	Edit	No change - Provided page back	N/A	62
11.5		11. 4- 10	Edit	Section title revised	N/A	55
11.5		11. 4- 11	Edit	Rewording for clarity	N/A	55
11.4		11. 5- 1	Edit	Typographical errors and cross-reference discrepancies corrected	N/A	55
11.4	T	11. 5- 1	Edit	Title revised	N/A	55
11.4		11. 5- 2	Correct	Typographical error corrected	0508	63
11.4		11. 5- 2	Edit	Typographical errors corrected	N/A	55
11.4		11. 5- 2	Correct	Corrected by DBVP licensing verification effort	0508	63
11.6		11. 6- 1	Correct	Revised initiation date of the WBN preoperational environmental monitoring program	N/A	56
11.6	T	11. 6- 1	Edit	Deleted table indicating detection capabilities for environmental sample analysis (specific) due to improved detection capability	N/A	56
11.6	T	11. 6- 1	Edit	Table deletion page added	N/A	58
11.6		11. 6- 2	Edit	Typographical error corrected	0508	63
11.6		11. 6- 2	Correct	Revised the background radiation level for WBN	N/A	56
11.6	T	11. 6- 2	Edit	Table deletion page added	N/A	58
11.6	T	11. 6- 2	Edit	Deleted table indicating detection capabilities for environmental sample analysis (Gamma) due to improved detection capability	N/A	56
11.6		11. 6- 4	Edit	Corrected cross-reference discrepancies	N/A	56
11.6		11. 6- 5	Edit	Deleted the method of calculating the lower limits of detection (LLD)	N/A	56
11.6		11. 6- 6	Clarify	Revised the data analysis and presentation of the radionuclide composition for the environmental monitoring program	N/A	56

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
11.6	T	11A-1	Clarify	Revised to clarify burnable shim rod use at WBN	0115	63
11.6		11A-2	Correct	Revised allowable lithium concentration in the RCS during operation	N/A	55
11.6		11A-2	Clarify	Clarified burnable shim rod use at WBN	0115	63
11.6	T	11A-2	Correct	Reflects revision of allowable lithium concentration in the RCS during operation	0519	63
** Chapter: 12						
12.2		12. 1- 1	Edit	Typographical error corrected	N/A	62
12.2		12. 1- 1	Edit	Typographical errors corrected	0116	63
12.2		12. 1- 2	Edit	Page resubmitted in sequence	N/A	62
12.2		12. 1- 2	Correct	Revised organizational nomenclature, frequency for review of employee radiation exposure trends and specific sections of R.G. 8.8 and 8.10 referenced.	0116	63
12.2		12. 1- 3	Edit	Deleted redundant information (Information deleted was also proposed for deletion by Package 0519, OILV 0137)	N/A	62
12.2		12. 1- 3	Edit	Deleted out-of-date organizational nomenclature	0116	63
12.2		12. 1- 5	Edit	Deleted redundant information	N/A	62
12.2		12. 1- 6	Edit	Deleted redundant information	N/A	62
12.3		12. 2- 1	Edit	Typographical error correction	0508	63
12.3		12. 2- 2	Edit	Section number corrected	N/A	60
12.3		12. 2- 3	Edit	Corrected cross-reference discrepancy	N/A	60
12.3		12. 2- 3	Edit	Reworded for clarity	0508	63
12.3		12. 2- 9	Update	Clarified principal radioactive source in the proximity of the fuel assembly transfer path	0499	63
12.4	T	12. 3- 3 SH 1	Correct	Corrected general areas ventilation air exhaust flow rate	N/A	55
12.4	T	12. 3- 3 SH 1	Correct	Corrected sample room ventilation air exhaust flow rate	N/A	56
12.4	T	12. 3- 3 SH 2	Correct	Corrected air exhaust flowrates for the post-accident sampling facility and the DG Building electrical board rooms	N/A	56
12.4		12. 3- 4	Edit	Typographical error correction	0508	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.	
12.4	T	12. 3- 4	Correct	Corrected by the DBVP licensing verification effort	0508	63	63594
12.4		12. 3- 22	Correct	Reworded for clarity and modified specified frequencies for radiation monitor and analyzer calibrations	0116	63	ok
12.5		12. 4- 3	Correct	Corrected by the DBVP licensing verification effort	0519	63	63594
12.5		12. 4- 5	Edit	Typographical error corrected	0508	63	ok
12.5		12. 4- 5	Clarify	Revised to reflect reference to source of method for calculating offsite doses (ODCM)	0116	63	77553
12.6		12. 5- 1	Correct	Revised organizational names and descriptions.	N/A	56	63647
12.6		12. 5- 1	Correct	Revised organizational and program nomenclature	0116	63	
12.6		12. 5- 2	Correct	Revised organizational names and descriptions.	N/A	56	
12.6		12. 5- 2	Correct	Revised organizational nomenclature, deleted detailed information regarding RADCON technician's time onsite and office locations onsite.	0116	63	ok
12.6		12. 5- 3	Edit	Typographical error corrected	0508	63	
12.6		12. 5- 3	Edit	Reworded for clarity and deleted reference to ANSI 288.2-1969	N/A	56	
12.6		12. 5- 3	Clarify	Revised to ref. the fixed HP & Chem counting equipment as being implem'd consistent with RG 8.8.C.4. - Related to DBVP	0556	63	63594
12.6		12. 5- 3	Correct	Revised organizational nomenclature and details related to portable change areas and laundrying of contaminated clothing	0116	63	63647
12.6		12. 5- 4	Correct	Revised description of the calibrating handling and processing of TLDs	N/A	56	ok
12.6		12. 5- 4	Correct	Revised organizational nomenclature and equipment specifics	0116	63	63647
12.6		12. 5- 5	Edit	Reflects change from a special work permit (SWP) to a radiation work permit (RWP)	N/A	56	ok
12.5		12. 5- 5	Correct	Corrected value for alpha contamination to agree with TVA Radiation Protection Plan	0510	63	
12.6		12. 5- 5	Edit	Material rollover to subsequent page	N/A	58	
12.5		12. 5- 5	Correct	Revised organizational nomenclature and information related to locking high radiation areas	0116	63	63647

FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
12.6		12. 5- 6	Edit	Typographical error corrected	N/A	63
12.6		12. 5- 6	Edit	Reworded for clarity and revised requirement for reading dosimeters to include a reading upon entry and exit from a RWP area.	N/A	58
12.6		12. 5- 6	Edit	Reworded for clarity	N/A	56
12.6		12. 5- 6	Correct	Revised organizational nomenclature and provided specifics with regard to controlled access to RCAs	0116	63
** Chapter: 13						
13.1.1		13. 1- 1	Update	Updated to incorporate by reference TVA-NPOD89 Topical Report	0552	63
13.1	F	13. 1- 1	Edit	Figure deleted to conform with text changes and incorporation of organization topical by reference.	0552	63
13.1	T	13. 1- 1 SH 1	Edit	Removed page which showed Table 13.1-1 sheets 1 thru 27 were deleted by Amendment 53	N/A	63
13.1.2		13. 1- 2	Update	Updated to incorporate by reference TVA-NPOD89 Topical Report	0552	63
13.1.2		13. 1- 2	Update	Updated qualification requirements by correlating TVA positions to the appropriate ANSI standard positions. (Superseded package 552)	0118	63
13.1	F	13. 1- 2	Edit	Figure deleted to conform with text changes and incorporation of organization topical by reference.	0552	63
13.1	T	13. 1- 2 SH 1	Edit	Removed page which showed Table 13.1-2 were deleted by Amendment 45	N/A	63
13.1.3		13. 1- 3	Update	Updated to incorporate by reference TVA-NPOD89 Topical Report	0552	63
13.1		13. 1- 3	Add	Added qualification requirements of chemistry superintendent	0535	63
13.1.2		13. 1- 3	Update	Updated qualification requirements by correlating TVA positions to the appropriate ANSI standard positions. (Superseded package 552)	0118	63
13.1	F	13. 1- 3	Edit	Figure deleted to conform with text changes and incorporation of organization topical by reference.	0552	63
13.1	F	13. 1- 4	Edit	Figure deleted to conform with text changes and incorporation of organization topical by reference.	0552	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
13.1	F	13. 1- 5	Edit	Figure deleted to conform with text changes and incorporation of organization topical by reference.	0552	63
13.1	F	13. 1- 6	Edit	Figure deleted to conform with text changes and incorporation of organization topical by reference.	0552	63
13.1	F	13. 1- 7	Edit	Figure deleted to conform with text changes and incorporation of organization topical by reference.	0552	63
13.1	F	13. 1- 8	Edit	Figure deleted to conform with text changes and incorporation of organization topical by reference.	0552	63
13.2.2		13. 2- 1	Update	General update to section 13.2 to describe current training program	0533	63
13.2.2		13. 2- 1	Update	Update of organization name changes and training program description	N/A	61
13.2.2		13. 2- 1	Update	Updated responsibility discussion for General Employee Training program and corrected editorial errors	0119	63
13.2.2		13. 2- 2	Update	General update to Section 13.2 to describe current training program	0533	63
13.2.2		13. 2- 2	Clarify	Clarified description of non-licensed nuclear plant operator training program	0119	63
13.2.1		13. 2- 3	Update	General update to Section 13.2 to describe current training program	0533	63
13.2.1		13. 2- 3	Edit	Corrected editorial errors	0119	63
13.2.1		13. 2- 4	Update	General update to Section 13.2 to describe current training program	0533	63
13.2.2		13. 2- 4	Update	Update of organization name changes and training program description	N/A	61
13.2.1		13. 2- 4	Update	Updated responsibility discussion for nuclear operator training program and clarified "on-the-job" retraining requirements.	0119	63
13.2.1		13. 2- 5	Update	General update to Section 13.2 to describe current training program	0533	63
13.3		13. 3- 1	Clarify	Revised to reflect current document - references and eliminate duplication of information contained in TVA-REP and WBN EPIPs.	0509	63
13.4		13. 4- 1	Clarify	Revised to reflect current organization names and include appropriate reference to NPOD89 and NQAP	0549	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
13.4		13. 4- 1	Clarify	Updated to reflect organizational changes.	N/A	55
13.4		13. 4- 1	Clarify	Updated to clarify the onsite review function, independent review function and/or update to reflect organizational changes.	0121	63
13.4		13. 4- 2	Correct	Updated references, incorporated NQAP and organizational name changes	0549	63
13.4		13. 4- 2	Clarify	Updated to clarify the onsite review function, independent review function and/or update to reflect organizational changes.	0121	63
13.4		13. 4- 3	Clarify	Updated to clarify the onsite review function, independent review function and/or update to reflect organizational changes.	0121	63
13.4		13. 4- 4	Clarify	Updated to clarify the onsite review function, independent review function and/or update to reflect organizational changes.	0121	63
13.4		13. 4- 5	Correct	Updated to reflect organizational name change	0506	63
13.4		13. 4- 5	Clarify	Updated to expand and clarify the onsite review function, Independent Reviewer function, and/or update to reflect organizational changes.	0549	63
13.4		13. 4A- 1	Edit	Deleted App. 13.4A, "NSRB Charter" to reflect previous changes and cross-references	N/A	56
13.4		13. 4A- 2	Edit	Deleted App. 13.4A, "NSRB Charter" to reflect previous changes and cross-references	N/A	56
13.4		13. 4A- 3	Edit	Deleted App. 13.4A, "NSRB Charter" to reflect previous changes and cross-references	N/A	56
13.4		13. 4A- 4	Edit	Deleted App. 13.4A, "NSRB Charter" to reflect previous changes and cross-references	N/A	56
13.4		13. 4A- 5	Edit	Deleted App. 13.4A, "NSRB Charter" to reflect previous changes and cross-references	N/A	56
13.4		13. 4A- 6	Edit	Deleted App. 13.4A, "NSRB Charter" to reflect previous changes and cross-references	N/A	56
13.5		13. 5- 1	Correct	General update to reflect current procedure system due to procedure system upgrade and improvements	0544	63
13.5		13. 5- 1	Edit	Corrected editorial errors	0123	63
13.5	F	13. 5- 1	Correct	Revised figure 13.5-1 to reflect upgraded system of written procedures	0528	63
13.5	F	13. 5- 1	Correct	Revised figure 13.5-1 to reflect upgraded system of written procedures	0544	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
13.5	F	13. 5- 1	Edit	Corrected editorial errors	0123	63
13.5	T	13. 5- 1 SH 1	Correct	Replaced table 13.5-1 sheets 1 - 8 with new table 13.5-1 sheet 1 - 6 to reflect current procedures system upgrade and improvements.	0544	63
13.5	T	13. 5- 1 SH 1	Edit	Corrected editorial errors	0123	63
13.5	T	13. 5- 1 SH 2	Correct	Replaced table 13.5-1 sheets 1 - 8 with new table 13.5-1 sheet 1 - 6 to reflect current procedures system upgrade and improvements.	0544	63
13.5	T	13. 5- 1 SH 2	Edit	Corrected editorial errors	0123	63
13.5	T	13. 5- 1 SH 3	Correct	Replaced table 13.5-1 sheets 1 - 8 with new table 13.5-1 sheet 1 - 6 to reflect current procedures system upgrade and improvements.	0544	63
13.5	T	13. 5- 1 SH 4	Correct	Replaced table 13.5-1 sheets 1 - 8 with new table 13.5-1 sheet 1 - 6 to reflect current procedures system upgrade and improvements.	0544	63
13.5	T	13. 5- 1 SH 4	Edit	Corrected editorial errors	0123	63
13.5	T	13. 5- 1 SH 5	Correct	Replaced table 13.5-1 sheets 1 - 8 with new table 13.5-1 sheet 1 - 6 to reflect current procedures system upgrade and improvements.	0544	63
13.5	T	13. 5- 1 SH 5	Edit	Corrected editorial errors	0123	63
13.5	T	13. 5- 1 SH 6	Correct	Replaced table 13.5-1 sheets 1 - 8 with new table 13.5-1 sheet 1 - 6 to reflect current procedures system upgrade and improvements.	0544	63
13.5		13. 5- 2	Correct	General update to reflect current procedure system due to procedure system upgrade and improvements	0544	63
13.5		13. 5- 2	Correct	General update to reflect current procedure system due to procedure system upgrade and improvements	0519	63
13.5		13. 5- 2	Edit	Corrected editorial errors	0123	63
13.5	F	13. 5- 2 SH 1	Clarify	Replace figure 13.5-2 with 2 sheets to provide a more concise indication of unit 1 and 2 control room operating areas	0544	63
13.5	F	13. 5- 2 SH 2	Clarify	Replace figure 13.5-2 with 2 sheets to provide a more concise indication of unit 1 and 2 control room operating areas	0544	63
13.5		13. 5- 3	Correct	General update to reflect current procedure system due to procedure system upgrade and improvements	0544	63
13.5		13. 5- 3	Correct	General update to reflect current procedure system due to procedure system upgrade and improvements	0528	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
13.5		13. 5- 3	Edit	Corrected editorial errors	0123	63
13.5		13. 5- 4	Correct	General update to reflect current procedure system due to procedure system upgrade and improvements	0544	63
13.5		13. 5- 4	Edit	Corrected editorial errors	0123	63
13.6		13. 7- 1	Update	General rewrite of Section 13.7 to include a summary of security plans content and provide a description of the program evaluation	0520	63
13.6		13. 7- 1	Edit	Corrected editorial errors	0125	63
13.6	F	13. 7- 1	Clarify	Deleted figure to conform with update of Section 13.7		54
13.6		13. 7- 2	Update	General rewrite of Section 13.7 to include a summary of security plans content and provide a description of the program evaluation	0520	63
13.6		13. 7- 2	Edit	Corrected editorial errors	0125	63
13.1.3		13.A-1	Update	Removed resumes of key personnel to conform to revised section 13.1 & reduce the need for updates. Key personnel qualifications will be maintained in site files (removed 13.A.1 thru 63).	0552	63
** Chapter: 14						
14		14- 1	Correct	Correct figure reference	N/A	60
14		14- 2	Edit	Revised to reflect organizational changes	N/A	55
14		14- 3	Clarify	Revised to reflect organizational responsibility and names	N/A	55
14		14- 3a	Edit	Page deleted due to removal of information to reflect organizational changes	N/A	55
14		14- 4	Edit	Information deleted and changed to reflect organizational changes		55
14		14- 9	Edit	Revised to reflect organizational changes	N/A	55
14		14- 16	Revision	Section 14.3 added to describe prestart test program and reflect the (CAP) submitted to NRC on 06/26/89 (L44 890626 802)	0548	63
14	T	14. 2- 1 SH 1	Clarify	Clarify the feedwater system requirements	N/A	54
14	T	14. 2- 1 SH 2	Clarify	Update and clarify test prerequisites and correct typographical errors	N/A	54
14	T	14. 2- 1 SH 9	Correct	Corrected Hi-Hi turbine trip setpoint in (H)	N/A	54

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
14	T	14. 2- 1 SH 10	Correct	Corrected test summary deleting RCP shutdown and adding description for verifying H2 concentration reduction	N/A	54
14	T	14. 2- 1 SH 15	Correct	Updates RCS flow test summary and exceptance criteria and to address FW venturi fouling	N/A	54
14	T	14. 2- 1 SH 17	Correct	Updates RCS flow coast down summary and modifies acceptance criteria	N/A	54
14	T	14. 2- 1 SH 17	Edit	Correct editorial mistake	N/A	56
14	T	14. 2- 1 SH 18	Edit	Page left blank due to reducing the volume of test description on sheet 17	N/A	54
14	T	14. 2- 1 SH 23	Edit	Corrected editorial errors	N/A	55
14	T	14. 2- 1 SH 24	Correct	Modified test summary and criteria to reflect change in BIT function	N/A	54
14	T	14. 2- 1 SH 25	Correct	Removed acceptance criteria on BIT to reflect change in BIT function	N/A	55
14	T	14. 2- 1 SH 35	Edit	Correct typographical errors	N/A	54
14	T	14. 2- 1 SH 44	Revision	Revised rod drop time test summary	N/A	56
14	T	14. 2- 1 SH 51	Clarify	Revised to clarify test objectives and acceptance criteria	N/A	54
14	T	14. 2- 1 SH 55	Revision	Revised to remove from test summary the verification of auxiliary functions	N/A	54
14	T	14. 2- 1 SH 62	Revision	Revised to reflect resolution process of discrepancies and add testing of atmospheric steam release flow instrument	N/A	54
14	T	14. 2- 1 SH 64	Revision	Revised to add page permissive, clarify the source range response	N/A	54
14	T	14. 2- 1 SH 65	Clarify	Revised to indicate test to be performed after fuel load	N/A	54
14	T	14. 2- 1 SH 71	Add	Revised test description summary to expand and clarify the process, purpose and acceptance criteria	N/A	54
14	T	14. 2- 1 SH 71	Add	Revised test description summary to expand and clarify the process, purpose and acceptance criteria	N/A	56
14	T	14. 2- 1 SH 71	Add	Revised test description summary to expand and clarify the process, purpose and acceptance criteria	N/A	55
14	T	14. 2- 1 SH 71a	Edit	Sheet 71a added to take expanded description started on sheet 71	N/A	56

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
14	T	14. 2- 1 SH 79	Correct	Deleted primary water system as prerequisite to SFP leak test	N/A	54
14	T	14. 2- 1 SH 80	Revision	Deleted recirculation and purification of refueling water as test objective and clarify	N/A	54
14	T	14. 2- 1 SH 81	Edit	Correct editorial errors	N/A	56
14	T	14. 2- 1 SH 82	Revision	Deleted acceptance criteria for recirculation and purification of refueling water	N/A	54
14	T	14. 2- 1 SH 84	Clarify	Acceptance criteria clarified to indicate the 4 1/2 hours is upper time limit	N/A	54
14	T	14. 2- 1 SH 86	Revision	Modified test prerequisites and deleted water condensate filter from objectives	N/A	54
14	T	14. 2- 1 SH 88	Revision	Modified test prerequisites and deleted primary makeup water, gaseous waste disposal and liquid waste disposal systems	N/A	54
14	T	14. 2- 1 SH 89	Clarify	Updated prerequisites and added condensate demineralizer waste evaporator to summary	N/A	54
14	T	14. 2- 1 SH 96	Correct	Revised to reflect as-built design i.e., RVHVS flows to PRT	0470	55
14	T	14. 2- 1 SH100	Correct	Revised to include simulated containment isolation as part of test	N/A	54
14	T	14. 2- 1 SH100	Correct	Revised to include simulated containment isolation as part of test	N/A	56
14	T	14. 2- 1 SH103	Correct	Deleted test objective 12 to reflect as-built design and conform with Section 6.2.3	N/A	54
14	T	14. 2- 1 SH104	Correct	Provided updates to the integrated leakage rate test description	N/A	54
14	T	14. 2- 1 SH105	Edit	Correct typographical errors	N/A	54
14	T	14. 2- 1 SH106	Edit	Correct typographical errors	N/A	54
14	T	14. 2- 1 SH108	Clarify	Provided updated cross reference of test acceptance criteria	N/A	54
14	T	14. 2- 1 SH110	Correct	Corrected test summary to address test W1.2 interface for data collection	N/A	56
14	T	14. 2- 1 SH110	Correct	Corrected test summary to address test W1.2 interface for data collection	N/A	54
14	T	14. 2- 1 SH111	Correct	Corrected test summary to address test W1.2 interface for data collection	N/A	54
14	T	14. 2- 1 SH111	Correct	Corrected test summary to address test W1.2 interface for data collection	N/A	56

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
14	T	14. 2- 1 SH112	Add	Added description and acceptance to air return fan tests	N/A	54
14	T	14. 2- 1 SH113	Add	Added description and acceptance to air return fan tests	N/A	54
14	T	14. 2- 1 SH114	Correct	Corrected test summary to address test W1.2 interface for data collection	N/A	54
14	T	14. 2- 1 SH114	Correct	Corrected test summary to address test W1.2 interface for data collection	N/A	56
14	T	14. 2- 1 SH118	Revision	Changed acceptance criteria and modified test prerequisites	N/A	54
14	T	14. 2- 1 SH120	Clarify	Modified prerequisites and summary to clarify intent	N/A	54
14	T	14. 2- 1 SH120	Clarify	Modified prerequisites and summary to clarify intent	N/A	55
14	T	14. 2- 1 SH122	Clarify	Added CCW to item 'g'	N/A	55
14	T	14. 2- 1 SH123	Clarify	Added items 8, 9, and 10 to objective summary	N/A	55
14	T	14. 2- 1 SH124	Correct	Deleted footnote [to be completed after fuel loading]	N/A	55
14	T	14. 2- 1 SH125	Correct	Deleted footnote [to be completed after fuel loading]	N/A	55
14	T	14. 2- 1 SH126	Correct	Deleted footnote [to be completed after fuel loading]	N/A	55
14	T	14. 2- 1 SH127	Edit	Correct typographical error	N/A	55
14	T	14. 2- 1 SH128	Clarify	Modified test summary and objectives to clarify intent	N/A	55
14	T	14. 2- 1 SH128	Clarify	Modified test summary and objectives to clarify intent	N/A	54
14	T	14. 2- 1 SH129	Clarify	Modified prerequisites to include transformers C&D, deleted footnote	N/A	54
14	T	14. 2- 1 SH129	Clarify	Modified prerequisites to include transformers C&D, deleted footnote	N/A	55
14	T	14. 2- 1 SH135	Revision	Deleted reference to diesel hot starts and corrected reference to IEEE 308-1977	N/A	54
14	T	14. 2- 1 SH135	Revision	Deleted reference to diesel hot starts and corrected reference to IEEE 308-1977	N/A	55
14	T	14. 2- 1 SH138	Revision	Deleted objective of control devices starting backup fan on failure of primary	N/A	54

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
14	T	14. 2- 1 SH144a	Add	Added test for additional battery system	N/A	58
14	T	14. 2- 1 SH145	Clarify	Clarification of test objective and criteria	N/A	54
14	T	14. 2- 1 SH146	Clarify	Clarification of test objective and criteria	N/A	54
14	T	14. 2- 1 SH148	Clarify	Clarification of test objective and criteria	N/A	54
14	T	14. 2- 1 SH151	Edit	Correct FSAR section reference	N/A	55
14	T	14. 2- 1 SH152	Correct	Corrected objective and criteria to indicate the correct intent and change the maximum power for test	N/A	56
14	T	14. 2- 1 SH152	Correct	Corrected objective and criteria to indicate the correct intent and change the maximum power for test	N/A	55
14	T	14. 2- 1 SH153	Correct	Removed objective associated with fire protection - AFW spool prices and test post fuel load	N/A	55
14	T	14. 2- 1 SH157	Correct	Clarified prerequisites and reworded objective on sealing openings around ducts	N/A	54
14	T	14. 2- 1 SH159	Correct	Corrected criteria to 3psid + 0.25	N/A	55
14	T	14. 2- 1 SH163	Clarify	Added objective statement to show compliance with RG 1.80	N/A	54
14	T	14. 2- 1 SH181	Clarify	Added condensate booster and demineralized condensate pumps to test summary	N/A	56
14	T	14. 2- 1 SH184	Clarify	Revised to clarify intent of valve actuation instead of "equipment"	N/A	54
14	T	14. 2- 1 SH202	Add	Added prerequisite to have 10 ton crane available for test	N/A	54
14	T	14. 2- 1 SH206	Revision	Modified exceptance criteria to require igniter surface temperature greater than 1700 degrees F	N/A	54
14	T	14. 2- 1 SH212	Correct	Corrected acceptance criteria to reflect as-built design for supply and exhaust fans pressure maintenance requirements	N/A	56
14	T	14. 2- 1 SH215	Edit	Corrected editorial error	N/A	55
14	T	14. 2- 1 SH216	Clarify	Changed test title and clarified that test was post fuel load	N/A	56
14	T	14. 2- 1 SH216	Clarify	Changed test title and clarified that test was post fuel load	N/A	55
14	T	14. 2- 1 SH217	Add	Tests added to reflect the additional diesel generator and associated equipment and systems	N/A	56

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
14	T	14. 2- 1 SH218	Add	Tests added to reflect the additional diesel generator and associated equipment and systems	N/A	56
14	T	14. 2- 1 SH219	Add	Tests added to reflect the additional diesel generator and associated equipment and systems	N/A	56
14	T	14. 2- 1 SH220	Add	Tests added to reflect the additional diesel generator and associated equipment and systems	N/A	56
14	T	14. 2- 1 SH221	Add	Tests added to reflect the additional diesel generator and associated equipment and systems	N/A	56
14	T	14. 2- 1 SH222	Add	Tests added to reflect the additional diesel generator and associated equipment and systems	N/A	56
14	T	14. 2- 1 SH223	Add	Tests added to reflect the additional diesel generator and associated equipment and systems	N/A	56
14	T	14. 2- 1 SH224	Add	Tests added to reflect the additional diesel generator and associated equipment and systems	N/A	56
14	T	14. 2- 1 SH225	Add	Tests added to reflect the additional diesel generator and associated equipment and systems	N/A	56
14	T	14. 2- 1 SH226	Add	Tests added to reflect the additional diesel generator and associated equipment and systems	N/A	56
14	T	14. 2- 1 SH227	Add	Tests added to reflect the additional diesel generator and associated equipment and systems	N/A	56
14	T	14. 2- 2A SH 1	Clarify	Minor word change to clarify intent	N/A	55
14	T	14. 2- 2A SH 2	Edit	Corrected editorial errors	N/A	54
14	T	14. 2- 2A SH 3	Edit	Corrected editorial errors	N/A	54
14	T	14. 2- 2A SH 3	Edit	Corrected editorial errors	N/A	55
14	T	14. 2- 2A SH 4	Correct	Corrected to require test TVA-22 be completed before exceeding 20% power	N/A	56
14	T	14. 2- 2A SH 5	Clarify	Added clarifying statement for intent of dropped rod worth measurement	N/A	56
14	T	14. 2- 2A SH 5	Edit	Corrected editorial error	N/A	56
14	T	14. 2- 2A SH 5	Edit	Corrected editorial error	N/A	54

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
14	T	14. 2- 2A SH 7	Revision	Deleted reference to signal to noise ratio in summary (SU 2.1)	N/A	54
14	T	14. 2- 2A SH 7	Edit	Corrected editorial errors	N/A	55
14	T	14. 2- 2A SH 8	Edit	Corrected editorial errors	N/A	54
14	T	14. 2- 2A SH 8	Revision	Deleted containment spray pump from SU 2.3 summary and added signal/noise ratio SU 2.4	N/A	54
14	T	14. 2- 2A SH 9	Edit	Corrected editorial changes	N/A	54
14	T	14. 2- 2A SH 10	Correct	Deleted reference to TS for SU 3.8A acceptance criteria	N/A	54
14	T	14. 2- 2A SH 11	Revision	Revised objective statement and acceptance criteria SU 3.9 and modified SU 4.3 summary	N/A	56
14	T	14. 2- 2A SH 11	Revision	Revised objective statement for SU 3.9	N/A	54
14	T	14. 2- 2A SH 12	Edit	Corrected editorial errors	N/A	54
14	T	14. 2- 2A SH 12	Edit	Corrected editorial errors	N/A	55
14	T	14. 2- 2A SH 13	Edit	Corrected editorial errors	N/A	54
14	T	14. 2- 2A SH 15	Edit	Corrected editorial errors	N/A	55
14	T	14. 2- 2A SH 16	Clarify	Corrected cross reference in SU 6.3 prerequisites	N/A	54
14	T	14. 2- 2A SH 16	Edit	Corrected editorial errors	N/A	55
14	T	14. 2- 2B SH 1	Clarify	Clarified summary and corrected editorial error	N/A	54
14	T	14. 2- 2B SH 1	Clarify	Changed to reflect that all exceptance criteria would reference SU 1.1 with some exceptions	N/A	54
14	T	14. 2- 2B SH 2	Clarify	Clarified test summaries and exceptions criteria	N/A	54
14	T	14. 2- 2B SH 3	Clarify	Clarified summary statements to accurately reflect test methods and include thermal expansion testing, changed prerequisites to reflect change in SU 1.1	N/A	54
14	T	14. 2- 2B SH 4	Clarify	Clarified test summaries to accurately reflect test methods and changed prerequisites to reflect changes in SU 1.1	N/A	54
14	T	14. 2- 2B SH 5	Clarify	Clarified test summaries to accurately reflect test methods and changed prerequisites to reflect changes in SU 1.1	N/A	54
14	T	14. 2- 2B SH 6	Clarify	Clarified test summaries to accurately reflect test methods and changed prerequisites to reflect changes in SU 1.1	N/A	54

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
14	T	14. 2- 2B SH 7	Clarify	Clarified test summaries to accurately reflect test methods and changed prerequisites to reflect changes in SU 1.1	N/A	54
14	T	14. 2- 2B SH 8	Clarify	Clarified test summaries to accurately reflect test methods and changed prerequisites to reflect changes in SU 1.1. Also deleted tests 2.5 and 3.1 from test segments	N/A	54
14	T	14. 2- 2B SH 9	Revision	Deleted tests in SU 3.4 and 3.7, clarified summary and acceptance criteria to reflect proper intent and incorporated changes relative to SU 1.1	N/A	54
14	T	14. 2- 2B SH 10	Revision	Deleted SU 3.4 and revised SU 3.8B prerequisites to reflect appropriate reference	N/A	54
14	T	14. 2- 2B SH 11	Clarify	Changed prerequisites and acceptance criteria to reflect proper intent and incorporate SU 1.1 changes	N/A	56
14	T	14. 2- 2B SH 11	Clarify	Changed prerequisites and acceptance criteria to reflect proper intent and incorporate SU 1.1 changes	N/A	54
14	T	14. 2- 2B SH 12	Clarify	Changed prerequisites and acceptance criteria to reflect proper intent and incorporate SU 1.1 changes	N/A	54
14	T	14. 2- 2B SH 13	Clarify	Changed prerequisites and acceptance criteria to incorporate SU 1.1 changes	N/A	54
14	T	14. 2- 2B SH 14	Clarify	Changed prerequisites and acceptance criteria to incorporate SU 1.1 changes	N/A	54
14	F	14. 2- 3A SH 1	Revision	Deleted SU 3.8C from SU 1.4 sequence and corrected typographical errors	N/A	54
14	F	14. 2- 3A SH 2	Edit	Corrected editorial errors	N/A	54
14	F	14. 2- 3B SH 1	Correct	Revised formats and corrected sequence listings to reflect testing intent and remove test that will not be performed on Unit 2	N/A	54
14	F	14. 2- 3B SH 2	Correct	Revised formats and corrected sequence listings to reflect testing intent and remove test that will not be performed on Unit 2	N/A	54
14	F	14. 2- 4	Correct	Revised to reflect organizational responsibility and name changes.	N/A	55
14	F	14. 2- 4	Correct	Revised to reflect organization responsibility and name changes.	N/A	56
14	F	14. 2- 5	Correct	Revised to reflect organization responsibility and name changes.	N/A	55

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
14	F	14. 2- 5	Correct	Revised to reflect organization responsibility and name changes.	N/A	56
14	F	14. 2- 6	Correct	Revised to reflect organization responsibility and name changes.	N/A	55
14	F	14. 2- 7	Correct	Revised to reflect organization responsibility and name changes.	N/A	55
** Chapter: 15						
15.2	F	15. 1- 1	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2		15. 1- 2	Edit	Added reference to existing footnote and reworded for clarity	N/A	55
15.2	T	15. 1- 2 SH 1	Correct	Corrected to reflect use of LOFTRAN for loss of normal feedwater analysis	0481	63
15.2	T	15. 1- 2 SH 1	Revision	Reflects rod withdrawal reanalysis	N/A	59
15.2	T	15. 1- 2 SH 1	Revision	Corrected to reflect use of LOFTRAN for RCC assembly misalignment analysis - reflects application of Westinghouse's revised dropped rod methodology	0513	63
15.2	T	15. 1- 2 SH 1	Correct	Corrected to reflect use of THINC for loss of normal feedwater analysis	0130	63
15.2	T	15. 1- 2 SH 2	Correct	Corrected to reflect use of NOTRUMP for loss of normal feedwater analysis	0481	63
15.2	T	15. 1- 2 SH 3	Edit	"Rupture" deleted from waste gas decay tank entry	N/A	55
15.2	T	15. 1- 2 SH 3	Correct	Corrected to reflect use of LOTIC 2, BASH and LOCBART for loss of reactor coolant analysis	0481	63
15.2	T	15. 1- 2 SH 4	Edit	Typographical error corrected	N/A	55
15.2	T	15. 1- 3 SH 1	Revision	Reflects deletion of RTD Bypass	0511	63
15.2	T	15. 1- 3 SH 1	Correct	Corrected limiting reactor trip point for high pressurizer pressure trip	N/A	55
15.2	T	15. 1- 3 SH 2	Correct	Revised undervoltage trip point	N/A	56
15.2	T	15. 1- 3 SH 2	Clarify	Provides cross-reference to more detailed information	0481	63
15.2	T	15. 1- 3 SH 2	Correct	Revised trip points and time delays	N/A	55
15.2		15. 1- 7	Revision	Reflects application of Westinghouse's revised dropped rod methodology	0513	63
15.2		15. 1- 8	Edit	Corrected cross-reference discrepancy	0519	63

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.2		15. 1- 8	Edit	Typographical error corrected	N/A	63
15.2		15. 1- 11	Edit	Typographical error corrected	0508	63
15.2		15. 1- 11	Edit	Typographical error corrected	N/A	55
15.2		15. 1- 12	Clarify	Clarified statement of typically assumed decay heat for accident analysis	0481	63
15.2		15. 1- 13	Clarify	Clarified statement of typically assumed decay heat for accident analyses	0481	63
15.2		15. 1- 17	Edit	Deletion of WIT program specifics reflects rod withdrawal reanalysis	N/A	59
15.2		15. 1- 18	Edit	Corrected cross-reference discrepancy and section number	N/A	59
15.2		15. 1- 18	Edit	Corrected cross-reference discrepancy	0528	63
15.2		15. 1- 19	Edit	Corrected references	N/A	60
15.2		15. 1- 19	Edit	Typographical errors corrected	N/A	59
15.2		15. 1- 19	Revision	Reflects application of Westinghouse's revised dropped rod methodology	0513	63
15.2	F	15. 2- 1	Revision	Reflects rod withdrawal reanalysis	N/A	59
15.2	T	15. 2- 1 SH 1	Revision	Reflects rod withdrawal reanalysis	N/A	59
15.2	T	15. 2- 1 SH 2	Revision	Reflects deletion of RTD Bypass	0511	63
15.2	T	15. 2- 1 SH 5	Revision	Reflects deletion of RTD Bypass	0511	63
15.2	T	15. 2- 1 SH 6	Revision	Reflects deletion of RTD Bypass	0511	63
15.2	T	15. 2- 1 SH 7	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	T	15. 2- 1 SH 9	Revision	Reflects deletion of RTD Bypass	0511	63
15.2	T	15. 2- 1 SH 9	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 2- 2	Revision	Reflects rod withdrawal reanalysis	N/A	59
15.2	T	15. 2- 2	Edit	Table deleted to reflect application of Westinghouse's revised dropped rod methodology	0513	63
15.2		15. 2- 3	Revision	Reflects rod withdrawal reanalysis	N/A	59
15.2	F	15. 2- 3	Revision	Reflects rod withdrawal reanalysis	N/A	59
15.2	F	15. 2- 3A	Revision	Reflects rod withdrawal reanalysis	N/A	59

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.2		15. 2- 3a	Revision	Reflects rod withdrawal reanalysis	N/A	59
15.2		15. 2- 4	Revision	Reflects rod withdrawal reanalysis	N/A	59
15.2		15. 2- 4	Edit	Typographical error corrected	0130	63
15.2	F	15. 2- 4	Revision	Reflects deletion of RTD Bypass	0511	63
15.2		15. 2- 5	Revision	Reflects rod withdrawal reanalysis	N/A	59
15.2		15. 2- 5a	Revision	Reflects rod withdrawal reanalysis	N/A	59
15.2		15. 2- 6	Revision	Reflects rod withdrawal reanalysis	N/A	59
15.2	F	15. 2- 6	Revision	Reflects deletion of RTD Bypass	0511	63
15.2		15. 2- 7	Revision	Reflects addition of reference to LOFTRAN WCAP-7907-P-A and deletion of RTD Bypass	0511	63
15.2	F	15. 2- 7	Revision	Reflects deletion of RTD Bypass	0511	63
15.2		15. 2- 8	Revision	Reflects deletion of RTD Bypass	0511	63
15.2	F	15. 2- 8	Revision	Reflects deletion of RTD Bypass	0511	63
15.2		15. 2- 9	Revision	Reflects deletion of RTD Bypass	0511	63
		15. 2- 9	Edit	Typographical error	0526	63
15.2	F	15. 2- 9	Revision	Reflects deletion of RTD Bypass	0511	63
15.2		15. 2- 10	Revision	Reflects deletion of RTD Bypass	0511	63
15.2		15. 2- 10	Edit	Reworded for clarity	0130	63
15.2	F	15. 2- 10	Revision	Reflects deletion of RTD Bypass	0511	63
15.2		15. 2- 11	Revision	Reflects application of Westinghouse's revised dropped rod methodology	0513	63
15.2	F	15. 2- 11	Revision	Existing F15.2-11 replaced by revised figure F15.2-11 to reflect application of Westinghouse's revised dropped rod methodology	0513	63
15.2	F	15. 2- 11	Edit	This figure replaced by revised figures F15.2-11 (sheets 1 and 2) to reflect application of Westinghouse's revised dropped rod methodology	0513	63
15.2		15. 2- 12	Revision	Reflects application of Westinghouse's revised dropped rod methodology	0513	63
15.2		15. 2- 13	Revision	Reflects application of Westinghouse's revised dropped rod methodology	0513	63
15.2		15. 2- 14	Revision	Reflects application of Westinghouse's revised dropped rod methodology [Revised text caused page 15.2-14a to be deleted]	0513	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.2		15. 2- 17	Edit	Typographical error corrected	N/A	55
15.2		15. 2- 17	Edit	Typographical error corrected	0130	63
15.2	F	15. 2- 19	Revision	Reflects deletion of RTD Bypass	0511	63
15.2	F	15. 2- 20	Revision	Reflects deletion of RTD Bypass	0511	63
15.2	F	15. 2- 21	Revision	Reflects deletion of RTD Bypass	0511	63
15.2	F	15. 2- 22	Revision	Reflects deletion of RTD Bypass	0511	63
15.2	F	15. 2- 23	Revision	Reflects deletion of RTD Bypass	0511	63
15.2		15. 2- 23a	Edit	Typographical error corrected	0511	63
15.2		15. 2- 24	Correct	Revised to accurately describe postulated reactor trip for loss-of-load transient	0511	63
15.2	F	15. 2- 24	Revision	Reflects deletion of RTD Bypass	0511	63
15.2		15. 2- 25	Clarify	Revised to provide assumed initial condition of pressurizer pressure for the loss-of-load transient	0511	63
15.2	F	15. 2- 25	Revision	Reflects deletion of RTD Bypass	0511	63
15.2		15. 2- 26	Correct	Revised to accurately describe postulated reactor trip for loss-of-load transient	0511	63
15.2	F	15. 2- 26	Revision	Reflects deletion of RTD Bypass	0511	63
15.2	F	15. 2- 27	Revision	Revised curves for loss of feedwater transient	N/A	55
15.2	F	15. 2- 27	Edit	Deletion of figure reflects deletion of UHI and/or upflow conversion.	0481	63
15.2	F	15. 2- 27A	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 2- 27B	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 2- 27C	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 2- 27D	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 2- 27E	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 2- 27F	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 2- 27G	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.2	F	15. 2- 27H	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 2- 27I	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2		15. 2- 28	Clarify	Clarifies relationship of RCS pressure expected to the operation of RCP's	0481	63
15.2		15. 2- 28	Revision	Revises reference to LOFTRAN computer code, WCAP-7907, instead of BLKOUT	0481	63
15.2		15. 2- 28	Edit	Cross reference discrepancy corrected and reworded for clarity	0130	63
15.2		15. 2- 28a	Edit	Rollover from page 15.2-28	N/A	63
15.2		15. 2- 29	Revision	Reflects deletion of UHI and/or upflow conversion (initial RC Tav <sub>g</sub> changed from "6.5 $\frac{1}{2}$ F higher" to "6.5 $\frac{1}{2}$ F lower" by Package 130)	0481	63
15.2		15. 2- 29	Correct	Corrected relationship of assumed initial RCS average temperature to its nominal value	0130	63
15.2		15. 2- 30	Revision	Reflects deletion of UHI	0481	63
15.2		15. 2- 30	Edit	Reworded for clarity	0130	63
15.2	F	15. 2- 37	Revision	Reflects deletion of RTD Bypass	0511	63
15.2		15. 2- 38	Clarify	Revised to provide assumed initial condition of pressurizer pressure for RCS depressurization transient	0511	63
15.2	F	15. 2- 38	Revision	Reflects deletion of RTD Bypass	0511	63
15.2	F	15. 2- 39	Revision	Reflects deletion of RTD Bypass	0511	63
15.2		15. 2- 39a	Edit	Typographical error corrected	N/A	55
15.2		15. 2- 41	Revision	States additional assumptions used in main steam system depressurization analysis	0481	63
15.2	F	15. 2- 41	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2		15. 2- 42	Edit	Refers to DNBR limit qualitatively, rather than quantitatively	0481	63
15.2		15. 2- 42	Edit	Specifically references tech spec's for DNBR value	N/A	63
15.2		15. 2- 42a	Revision	Reflects removal of Boron Injection Tank (BIT) function	N/A	55
15.2		15. 2- 45	Edit	References corrected	N/A	60

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.2		15. 2- 45	Edit	Revised to reference WCAP-7979-PA and WCAP-8028-A	N/A	59
15.2		15. 2- 45	Edit	Updates reference for LOFTRAN computer code, WCAP-7907-P-A, to later version	0481	63
15.2		15. 2- 45	Edit	Reference to WCAP-7973 corrected	0130	63
15.2		15. 2- 46	Edit	Provided correct date for WCAP-7909	N/A	60
15.2		15. 2- 46	Revision	Adds reference to Westinghouse's revised dropped rod methodology WCAP-10297-P-A and WCAP-10298-A	0513	63 77841
15.2		15. 2- 46	Edit	Added reference to ANSI/ANS-5.1-1979	0481	63
15.2		15. 3- 1	Edit	Tyographical error corrected	N/A	55
15.2	F	15. 3- 1	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	T	15. 3- 1	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2		15. 3- 2	Revision	Reflects deletion of UHI	0481	63
15.2		15. 3- 2	Clarify	Clarified logic required for feedwater isolation	0130	63
15.2	F	15. 3- 2	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63 77195
15.2	T	15. 3- 2	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2		15. 3- 3	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2		15. 3- 3	Edit	Reworded for clarity	0130	63
15.2	F	15. 3- 3	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2		15. 3- 3a	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2		15. 3- 4	Revision	Reflects deletion of UHI and/or upflow conversion (Part of this revision was withheld by Package 130 pending further review and verification.)	0481	63
15.2		15. 3- 4	Edit	Typographical error corrected	N/A	55
15.2		15. 3- 4	Edit	Section number added	0519	63
15.2	F	15. 3- 4	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63 77195

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.2		15. 3- 5	Revision	Reflects effects on peak cladding temperature due to permanent CCP miniflow	N/A	56
15.2		15. 3- 5	Revision	Reflects deletion of UHI and/or upflow conversion (Part of this revision was withheld by Package 130 pending further review and verification.)	0481	63 77195
		15. 3- 5	Clarify	Clarified wording relating to CCP SI flowrate.	0519	63
15.2	F	15. 3- 5	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2		15. 3- 5a	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2		15. 3- 6	Edit	Typographical error corrected	N/A	55
15.2	F	15. 3- 6	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 7	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 8	Edit	Figure deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 8A	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63 77195
15.2	F	15. 3- 8B	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 8C	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 8D	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 8E	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 8F	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 8G	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 9	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 10	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 10A	Edit	Figure deletion reflects deletion of UHI and/or upflow conversion	0481	63

FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.2	F	15. 3- 10B	Edit	Figure deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 11	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 11A	Edit	Figure deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 11B	Edit	Figure deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 12	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 12A	Edit	Figure deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 12B	Edit	Figure deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 13	Edit	Deleted unnumbered sheet reflecting deletion of original figures 15.3-13 and 15.3-14 by Amendment 44	0481	63
15.2	F	15. 3- 13A	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 13B	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2		15. 3- 14	Edit	Added reference to WCAP-8424	0519	63
15.2		15. 3- 14	Edit	Revised and deleted references	0481	63
15.2	F	15. 3- 14	Edit	Deleted unnumbered sheet reflecting deletion of original figures 15.3-13 and 15.3-14 by Amendment 44	0481	63
15.2	F	15. 3- 14A	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	F	15. 3- 14B	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3		15. 4- 1	Edit	Corrected recommended reference number	N/A	63
15.3		15. 4- 1	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.2	T	15. 4- 1 SH 1	Revision	Reflects deletion of UHI and/or upflow conversion. Also reflects consolidation of previous sheets 1 and 2.	0481	63
15.3		15. 4- 2	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.3		15. 4- 3	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63 77195
15.3		15. 4- 3	Edit	No change - page back	N/A	62 OK
15.3		15. 4- 4	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63 77195
15.3		15. 4- 4	Edit	Corrected cross-reference discrepancy. Change superceded by Amendment 63.	N/A	62 OK
15.3	F	15. 4- 4	Revision	Revised hydrogen production rate for LOCA conditions	N/A	55
15.3		15. 4- 5	Edit	Deletion of material reflects deletion of UHI and/or upflow conversion	0481	63 77195
15.3	T	15. 4- 5	Correct	Corrected by DBVP licensing verification effort	0519	63 63598
15.3		15. 4- 6	Edit	Deletion of material reflects deletion of UHI and/or upflow conversion	0481	63 77195
15.3	F	15. 4- 6	Revision	Revised hydrogen accumulation rate for LOCA conditions	N/A	55
15.3	T	15. 4- 6 SH 1	Edit	Table cleanup	N/A	55 OK
15.3	T	15. 4- 6 SH 2	Edit	Deleted feedwater isolation valves and main steam isolation valves from list of equipment required following a high energy line break	N/A	55
15.3		15. 4- 7	Edit	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	T	15. 4- 7	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63 77195
15.3		15. 4- 8	Revision	Reflects deletion of UHI and/or upflow conversion (previously pages 8, 8a, 8b, and 8c)	0481	63
15.3		15. 4- 8	Edit	Revised stated acceptance criteria to agree with 10 CFR 50.46	0130	63
15.3	F	15. 4- 10	Revision	Revised safety injection curve	N/A	56
15.3	F	15. 4- 11	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 12	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63 77195
15.3		15. 4- 13	Revision	Reflects deletion of UHI and revises equipment starting delay times used for analysis	0481	63

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.3		15. 4- 13	Edit	Typographical error corrected	N/A	55
15.3	T	15. 4- 14 SH 2	Edit	Typographical error corrected	N/A	55
15.3	T	15. 4- 14 SH 2	Correct	Corrected initiation time for containment spray	0481	63
15.3		15. 4- 15	Revision	States additional assumptions used in MSLB analysis	0481	63
15.3		15. 4- 16	Revision	Revises equipment starting delay times used for analysis	0481	63
15.3	T	15. 4- 16	Edit	Deletion of material reflects deletion of UHI and/or upflow conversion. This table replaced by Tables 15.4-16a and 15.4-16b.	0481	63
15.3	T	15. 4- 16A SH 1	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	T	15. 4- 16A SH 2	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	T	15. 4- 16B SH 1	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	T	15. 4- 16B SH 2	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3		15. 4- 16a	Edit	Refers to DNBR limit qualitatively, rather than quantitatively	0481	63
15.3		15. 4- 16a	Edit	Specifically references tech spec's for DNBR value	N/A	63
15.3	T	15. 4- 17 SH 1	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	T	15. 4- 17 SH 2	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	T	15. 4- 17A	Edit	Deletion reflects deletion of UHI and/or upflow conversion. This table replaced by Table 15.4-17.	0481	63
15.3	T	15. 4- 17B	Edit	Deletion reflects deletion of UHI and/or upflow conversion. This table replaced by Table 15.4-17.	0481	63
15.3	T	15. 4- 18 SH 1	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	T	15. 4- 18 SH 2	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	T	15. 4- 18A	Correct	Corrected assumed peaking factor	N/A	55

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.3	T	15. 4- 18A	Edit	Deletion reflects deletion of UHI and/or upflow conversion. This table replaced by Table 15.4-18.	0481	63
15.3	T	15. 4- 18B	Edit	Deletion reflects deletion of UHI and/or upflow conversion. This tale replaced by Table 15.4-18.	0481	63
15.3	T	15. 4- 19	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	T	15. 4- 20	Edit	Deletion reflects change in analysis methodology subsequent to deletion of UHI and/or upflow conversion	0481	63
15.3	T	15. 4- 21	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	T	15. 4- 22	Edit	Deletion reflects change in analysis methodology to address NUREG-0630 issues directly in the computer model, rather than as a separate evaluation	0481	63
15.3	F	15. 4- 29	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 29A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 29B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 29C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 29D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3		15. 4- 30	Edit	Typographical error corrected	N/A	55
15.3	F	15. 4- 30	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 30A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 30B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 30C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 30D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 31	Add	Reflects deletion of UHI and/or upflow conversion	0481	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.3	F	15. 4- 31A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 31B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 31C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 31D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 32	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 32A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 32B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 32C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 32D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3		15. 4- 33	Edit	Typographical error corrected	0519	63
15.3	F	15. 4- 33	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 33A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 33B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 33C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 33D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 34	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 34A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 34B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 34C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 34D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.3	F	15. 4- 35	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 35A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 35B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 35C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 35D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 36	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 36A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 36B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 36C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 36D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 37	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 37A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 37B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 37C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 37D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 38	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 38A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 38B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 38C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.3	F	15. 4- 38D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 39	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 39A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 39B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 39C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 39D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40A	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40B	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40C	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40D	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40E	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40F	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40G	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40H	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40I	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40J	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40K	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40L	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 40M	Add	Reflects deletion of UHI and/or upflow conversion	0481	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.3	F	15. 4- 41	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 41A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 41B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 41C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 41D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 42	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 42A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 42B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 42C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 42D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 43	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 43A	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 43B	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 43C	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 43D	Edit	Deletion reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 44	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3		15. 4- 45	Edit	References corrected	N/A	61
15.3		15. 4- 45	Edit	References corrected	0481	63
15.3	F	15. 4- 45	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3		15. 4- 46	Edit	References corrected	N/A	61

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.3	F	15. 4- 46	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3		15. 4- 47	Edit	Added reference to WCAP-8218-A	0465	63
15.3	F	15. 4- 47	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 48	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 49	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 50	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 51	Revision	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 52	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 53	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 54	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 55	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 56	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 57	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 58	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 59	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 60	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 61	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 62	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 63	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 64	Add	Reflects deletion of UHI and/or upflow conversion	0481	63

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.3	F	15. 4- 65	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 66	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 67	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68A	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68B	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68C	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68D	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68E	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68F	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68G	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68H	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68I	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68J	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68K	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68L	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68M	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 68N	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 69	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 70	Add	Reflects deletion of UHI and/or upflow conversion	0481	63

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.3	F	15. 4- 71	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 72	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 73	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 74	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 75	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 76	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 77	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 78	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 79	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 80	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 81	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 82	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 83	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 84	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 85	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 86	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 87	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 88	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 89	Add	Reflects deletion of UHI and/or upflow conversion	0481	63

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SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.3	F	15. 4- 90	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 91	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 92	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 93	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 94	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 95	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 96A	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 96B	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 96C	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 96D	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 96E	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 96F	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.3	F	15. 4- 96G	Add	Reflects deletion of UHI and/or upflow conversion	0481	63
15.4	F	15. 5- 1	Clarify	Revised to denote recirculation flow rate	N/A	56
15.4	T	15. 5- 3	Edit	Typographical error corrected	N/A	55
15.4		15. 5- 4	Edit	Deleted specifics regarding expected halogen activity release for LOCA	N/A	55
15.4		15. 5- 4	Correct	Revised to reflect use of a single - volume model rather than a multi-volume model	N/A	56
15.3		15. 5- 4	Edit	Typographical error corrected	0130	63
15.4		15. 5- 5	Edit	Corrected typographical error	N/A	56
15.4		15. 5- 5	Correct	Corrected represented calculational method for calculating quantity of material released in containment	N/A	55

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.4		15. 5- 6	Edit	Typographical errors corrected and reworded for clarify	N/A	56
15.4	T	15. 5- 6 SH 1	Correct	Added parameters used in LOCA analysis	N/A	56
15.4	T	15. 5- 6 SH 2	Correct	Added parameters used in LOCA analysis	N/A	56
15.4	T	15. 5- 6 SH 2	Edit	Typographical error corrected	0130	63
15.4		15. 5- 7	Correct	Revised to reflect single - volume model and clarified assumptions used in calculating containment leak rate	N/A	56
15.4		15. 5- 7	Edit	Typographical error corrected	N/A	55
15.4	T	15. 5- 7	Correct	Corrected post - LOCA time intervals and efficiencies for ice condenser iodine removal	N/A	56
15.4	T	15. 5- 7	Edit	Typographical error corrected	0130	63
15.4		15. 5- 8	Clarify	Clarified assumed hold-up time of fission products in Auxiliary Building	N/A	56
15.4	T	15. 5- 8	Correct	Corrected post - LOCA time intervals and flow rates for EGTS	N/A	56
15.4	T	15. 5- 8	Clarify	Clarified by DBVP licensing verification effort	0513	63
15.4		15. 5- 9	Edit	Corrected typographical error and removed specifics regarding hold-up time of fission products in the annulus	N/A	56
15.4	T	15. 5- 9	Correct	Corrected postulated values for offsite doses from LOCA	N/A	56
15.4		15. 5- 10	Edit	Deleted specifics regarding the EGTS section, exhaust and recirculation and it's relationship to the annulus	N/A	56
15.4		15. 5- 11	Correct	Revised "50-percent mixing case" evaluation of the Shield Building effectiveness as a fission product barrier	N/A	56
15.4		15. 5- 12	Edit	Typographical error correction and removed reference to "no mixing case" core activity model	N/A	56
15.4		15. 5- 14	Correct	Corrected flow rate for MCR recirculation	N/A	55
15.4		15. 5- 14	Clarify	Clarifies MCR ventilation under emergency conditions	N/A	56
15.4	T	15. 5- 14	Correct	Corrected atmospheric dilution factors at the Control Building	N/A	56
15.4		15. 5- 15	Edit	Typographical error corrected	N/A	56

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.4	T	15. 5- 15	Edit	Table heading reformatted	0508	63
15.4	T	15. 5- 15	Correct	Corrected postulated values for control room personnel doses post-accident	N/A	56
15.4	T	15. 5- 15	Correct	Corrected postulated values for control room personnel doses post-accident	0468	63
15.4		15. 5- 19	Clarify	Clarifies factors related to expected doses for control room operators	N/A	56
15.4		15. 5- 19	Edit	Typographical error corrected	0508	63
15.4		15. 5- 19	Clarify	Revised to address postulated personnel doses due to manual realignment of Spent Fuel Pool Heat Exchangers	0468	63
15.4		15. 5- 20	Correct	Clarifies factors related to expected doses for control room operators and corrects dose equations	N/A	56
15.4		15. 5- 21	Edit	Typographical error corrected	N/A	55
15.4		15. 5- 21	Edit	Typographical error corrected	N/A	56
15.4		15. 5- 21	Edit	Typographical error corrected	0130	63
15.4		15. 5- 22	Correct	Corrects control room generators dose equations	N/A	56
15.4		15. 5- 22	Edit	Typographical error corrected	N/A	58
15.4		15. 5- 22	Edit	Corrected typographical error	N/A	55
15.4		15. 5- 22	Edit	Typographical error corrected	0130	63
15.4		15. 5- 23	Edit	Material reformatted	N/A	56
15.4		15. 5- 24	Edit	Typographical error corrected	0508	63
15.4		15. 5- 26	Edit	Typographical error corrected	N/A	60
15.4		15. 5- 27	Edit	Typographical error corrected	0508	63
15.4		15. 5- 27	Edit	Reworded for clarity	N/A	55
15.4		15. 5- 29	Correct	Corrected to accurately reflect Reactor Building purge ventilation system design characteristics	N/A	54
15.4		15. 5- 29	Edit	Typographical error corrected	0130	63
15.4		15. 5- 30	Edit	No change - page back	N/A	54
15.4		15. 5- 30	Edit	Typographical error corrected	0508	63
15.4		15A- 2	Edit	Typographical error corrected	N/A	55

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FSAR CHANGE REVIEW INFORMATION

SER	PAGE TYPE	PAGE NO.	CHANGE	DESCRIPTION	PKG NO.	AMND NO.
15.4		15A- 2	Edit	Typographical error corrected	0130	63
15.4		15A- 3	Edit	Typographical error corrected	N/A	55
** Chapter: 17						
17.2		17. 1- 1	Revision	Changed reference to TVA-NPOD89 to reflect the organization and changed reference to TVA-NQA-PLN89-A to reflect new QA Plan	0549	63
17.2		17. 1A- 1	Edit	Revised section numbering to conform with deletion of Office of Engineering and Construction QA organization	0549	63
17.2		17. 1A- 1	Correct	Corrected reference for the identification of safety-related equipment	N/A	63
17.2		17. 1A- 1	Clarify	Updated to reflect current Westinghouse corporate QA program.	0131	63
17.3		17. 2- 1	Edit	Added reference section 17.2.2	N/A	63
17.3		17. 2- 1	Clarify	Changed to incorporate ref. to TVA-NQA-PLN89-A.	0549	63
17.3		17. 2- 1	Update	Deleted Q-List discussion which will be updated and provided in conjunction with "Q-List" Corrective Action Program plan final report.	0131	63
17.3	T	17. 2- 1	Edit	Deleted page that showed CSSC tables deleted in Amendment 57	N/A	63

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