TU ELECTRIC

Log # TXX-92239
File # 10010
Ref. # 10CFR50.34(b)
10CFR50.55(f)

William J. Cahill, Jr.
Group Vice President

May 29, 1992

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)
DOCKET NOS. 50-445 AND 50-446
FSAR AMENDMENT 85 DESCRIPTION

Gentlemen:

Amendment 85 to the CPSES FSAR was transmitted to you under a separate cover letter TXX-92238, dated May 29, 1992. The attachment to this letter provides line-by-line descriptions of the changes in Amendment 85. FSAR pages which do not have technical changes but are included in the amendment (because they are the opposite side of the sheet from a page that was changed, because the change shifted the existing material to another page or because only editorial changes were made on these pages) are not discussed in the attachment.

As has been the TU Electric practice in the past several FSAR amendments, all changes described in the attachment have been evaluated for relative significance (i.e., the group number 1, 2, 3 or 4 following each change justification as discussed in TU Electric letter TXX-88467 dated June 1, 1988). In addition, all changes applicable to CPSES Unit 1 have been reviewed under the TU Electric 10CFR50.59 process and found not to include any "unreviewed safety questions."

Amendment 85 includes the following changes previously transmitted to the NRC as advance FSAR submittals:

1) Unit 2 updates to Chapter 15 descriptions of large and small break LOCA and the Boron Dilution Event, as transmitted in TXX-92119, dated March 17, 1992;

2) Use of Seismic Category II piping in a Non-Seismic building, as transmitted in TXX-92063, dated March 4, 1992;

3) Removal of inline review of nonconformance reports by the Nuclear Overview Department, as transmitted in TXX-92064, dated March 3, 1992, and subsquently approved by the NRC in a letter dated March 18, 1992;

A0003

A029
1/1

4) Revision to the maximum one hour fire rated cable size, as transmitted in TXX-92163, dated March 31, 1992; and

5) Revision to the separation criteria for larger power cable, as transmitted by TXX-92164, dated April 10, 1992.

Also contained in Amendment 85 are extensive changes to Chapter 11 (and related sections of Chapter 9, 10, and 15). These changes update various tables and text to reflect actual operational data where they previously contained projected data, and make the FSAR consistent with current radioactive waste management procedures and practices.

In this and the next several amendments, the responses to NRC questions, currently contained in FSAR volumes XV, XVI and XVII, are being incorporated into the FSAR text. The incorporation process is being performed in support of the Updated Safety Analysis Report (USAR) and generally takes the form of one (or a combination of) the following: 1) The response is replaced with a reference to an FSAR text section where the information already exists; 2) The response is relocated to an appropriate FSAR text section (not necessarily verbatim) and a reference to that section replaces the previous response; or 3) A statement is added to the existing response indicating that the response will not be incorporated into the FSAR text (appropriate justification for option 3 is provided in the attached detailed description).

Sincerely,

William J. Cahill, Jr.

BSD/bsd

Attachment

c - Mr. R. D. Martin, Region IV
Resident Inspectors, CPSES (2)
Mr. T. A. Bergman, NRR
Mr. B. E. Holian, NRR

CPSES FSAR AMENDMENT 85
DETAILED DESCRIPTION

FSAR Page (as amended)	Description
1A(B) 39	Description: (Addition) Remove Specific Reference to the DNBR of 1.30 Justification: Each occurrence of "DNBR is less than 1.30" (departure from nucleate boiling ratio) has been replaced with a generic term, "less than the limit value" because the CNBR is different for each unit and may change in the future if the fuel type changes, or if a different analytical method is used in the analysis. This change does not have a material effect and has been made to preclude repetitive changes in the future. The DNBR limit is listed in Technical Specification 3/4.2 for each unit. Group: 2 FSAR Change Request Number: 91-165.13 SER/SSER Impact: No
1A(B)-52	Description: (Correction) Maximum cable size for one hour fire rated cable Justification: Maximum cable size for one hour fire rated cable is being changed from #1/0 AWG to #8 AWG cable. Vendor testing demonstrates that the #8 AWG cable is an acceptable one hour fire barrier. Specific details regarding the contruction and specific use of this cable is described in a previously submitted FSAR advance change via TXX-91248, dated July 29, 1991. Group: 3 FSAR Change Request Number: 92-631.1 Related SSER Section: SSER22 8.4.4 SER/SSER Impact: No
1A(B)-85	Description: (Clarification) Clarify that the piping and components for the storage and day tanks are not missile protected but the missile protection requirements are satisfied for the vent path without a vacuum relief valve. Justification: The vent piping or components (including the flame arrestor) may be exposed to externally generated missiles. Although the flame arrestor is not protected from vertical missiles, the vent path has been analyzed for the potential for crimping as a result of missile. The flame arrestor is constructed of cast iron which while rugged, is also extremely brittle and thus crimping is not considered a credible failure mode. The existing arrangement satisfies tornado missile protection requirements without the use of a vacuum relief valve. The existing vacuum relief is being

FSAR Page (as amended)	Description
	retained as defense-in-depth. Group: 3 FSAR Change Request Number: 92-603.4 Related SER Section: 9.5.4; SSER24 9.5.4 SER/SSER Impact: No
3.2-5	Description: (Revision) Add Seismic Category II Piping in a Non-Seismic Building to Structures and Systems of Mixed Category Justification: Added to this paragraph because the combination of seismic piping in a non-seismic building is a new combination not addressed in this paragraph. Group: 1 FSAR Change Request Number: 91-201.01 Related SER Section: 3.2 SER/SSER Impact: No
3.2-12	Description: (Revision) Add Seismic Category II Piping in a Non-Seismic Building as an Exception to Class 5 Piping in Seismic Category I Structures Justification: The specific exception concerning the Steam Generator Blowdown piping in the Turbine Building has been added. The Steam Generator Blowdown piping has been reclassified as Class 5 and redesignated as Seismic Category II to eliminate an unacceptable interaction postulated for a high energy line break. Group: 1 FSAR Change Request Number: 91-201.02 Related SSER Section: SSER14 APP-A-31 SER/SSER Impact: No SSER 14 states that seismic analyses would not be acceptable for use in the turbine building based on the turbine building failure assumption during a safe shutdown earthquake.
3.3-10	Description: (Editorial) Add a new paragraph to FSAR Section 3.3.2.4 to incorporate the last sentence of Q&R 010.12. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-16.2 Related SER Section: 3.3 SER/SSER Impact: No

FSAR Page (as amended)	Description
3.4-3	Description: (Q&R Incorporation) Add new paragraph 3.4.3 titled "Flooding from Tank Rupture" and incorporate the information from the response to Q010.9. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared Group: 4 FSAR Change Request Number: 92-13.3 Related SER Section: 3.4 SER/SSER Impact: No
Table 3.4-1	See Sheet No(s):Sheets 1 through 3. Description: (Q&R Incorporation) Add new Table 3.4-1 to Section 3.4 by relocating the information in Q&R Table Q. 010.9-1. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-13.4 Related SER Section: 3.4 SER/SSER Impact: No
3.6B-10	Description: (Q&R Incorporation) Relocates response to Q210.008 into the FSAR text. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-581 Related SER Section: 3.6.2; SSER22 3.6.2 SER/SSER Impact: No
3.6B-56, 60	Description: (Q&R Incorporation) Relocates response to Q010.034 into the FSAR text. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-042 Related SER Section: 3.6.2; SSER22 3.6.2 SER/SSER Impact: No
3.7B-42	Description: (Revision) Add Discussion of Seismic Category II Piping in the Turbine Building to the Discussion of Interaction of Non-Category I Structures with Seismic Category I Structures Justification: The specific exception concerning the Steam Generator Blowdown piping in the Turbine Building has been added.

FSAR Page (as amended)	Description
	The Steam Generator Blowdown piping has been reclassified as Class 5 and redesignated as Seismic Category II to eliminate an unacceptable interaction from a postulated high energy line break. Analyses have been performed that demonstrate that the non-Category I structures and components within the Turbine Building will not unacceptably interact with Steam Generator Blowdown piping during and after a seismic event. Group: 1 FSAR Change Request Number: 91-201.03 Related SER Section: 3.7; SSER22 3.7 SER/SSER Impact: No
4.3-33, 74	Description: (Revision) Expand discussion to recognize that operations support is required in addition to testing and to identify that NRC approved TU Electric methodology is employed for both testing and operation support. Justification: NRC has approved TU Electric Control Rod Analysis methodology for generic application. The TU Electric Steady State Physics methodology has been approved for use on Unit 1. The FSAR has been revised to reflect the intent to apply the methodology to Unit 1 reload cycles and Unit 2 initial startup and reload cycles. Group: 2 FSAR Change Request Number: 91-141.99 SER/SSER Impact: Yes Safety evaluation written by NRC on TU Electric Steady State Physics topical only identified applicability to Unit 1. Applicability is being expanded to include use on Unit 2.
Table 4.3-2, B	See Sheet No(s):01 Description: (Correction) Correct Nuclear Design Parameters Justification: The boron coefficient for boron dilution was not reanalyzed for a change in the Unit 2 shutdown margin until after Amendment 84 was incorporated into the FSAR. This number is being corrected for the reanalysis. In addition, a typographical error was corrected for neutron lifetime (20.7 microseconds vice 21.7). Group: 2 FSAR Change Request Number: 91-141.35 SER/SSER Impact: No

FSAR Page (as amended)	Description
4A-1, 2	Description: (Update) See also pages 3, 4, 5, 6, 7, 8, 9, and 10. Justification: Chapter 4 describes the initial cycle and typical reload cycles. Specific information relating to the update of cycle specific information has been included into appendix 4A of chapter 4. Group: 3 FSAR Change Request Number: 92-613 SER/SSER Impact: No
Table 4A-1	Description: (Update) Justification: See description for page 4A-1. Group: 3 FSAR Change Request Number: 92-613.1 SER/SSER Impact: No
Table 4A-2	Description: (Update) Justification: See description for page 4A-1. Group: 3 FSAR Change Request Number: 92-613.2 SER/SSER Impact: No
Table 4A-3	Description: (Update) Justification: See description for page 4A-1. Group: 3 FSAR Change Request Number: 92-613.3 SER/SSER Impact: No
Figure 4A-1	Description: (Update) Justification: See description for page 4A-1. Group: 3 FSAR Change Request Number: 92-613.4 SER/SSER Impact: No
Figure 4A-2	Description: (Update) Justification: See description for page 4A-1. Group: 3 FSAR Change Request Number: 92-613.5 SER/SSER Impact: No
Figure 5.1-1	See Sheet No(s):1 Description: (Revision) Corrects drafting errors made to FSAR Figure 5.1-1, sheet 1. Justification: Drafting errors were made to the FSAR figure when

FSAR Page (as amended)	Description
	CPSES drawing M1-0250 CP-16 was simplified for use as FSAR Figure 5.1-1. This is an drafting correction to the FSAR figure. Group: 2 FSAR Change Request Number: 92-589 SER/SSER Impact: No
6.2-95	Description: (Correction) Adds a reference to Table 17A-1 in Section 6.2.4.1.5 to describe the design requirements for the Process Sampling System tubing, fittings, valves and supports. Justification: This is a correction to the FSAR text to make the affected sections consistent with a prior approved change to the FSAR (Figure 9.3-4). Refer to the justification for F9.3-4 submitted in Amendment 76. Group: 3 FSAR Change Request Number: 91-168.1 Related SER Section: 6.2 SER/SSER Impact: No
6.2-111	Description: (Editorial) Add the information contained in the response of Q&R 022.15 which indicates that the Containment Hydrogen Monitoring System does not rely on the hydrogen recombiner installation or operation. Add the Q022.15 reference to the affected text. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-70.2 Related SER Section: 6.2 SER/SSER Impact: No
6.2-144	Description: (Editorial) Revise FSAR Section 6.2.6.2 to incorporate the response to Q&R 022.17 and add the Q022.17 reference to the related text in Section 6.2.6.2. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-72.1 Related SER Section: 6.2 SER/SSER Impact: No
Table 6.2.1-6	See Sheet No(s):1,3,4 Description: (Revision) The passive structural heat sinks denoted in item #2, and 11 thru 14 are revised to reflect the updated inventory inside Containment.

FSAR Page (as amended)	Description
	Justification: The passive heat sink values have been re-evaluated to mitigate the net effect of the following changes on the accident pressure and temperature of the containment. 1. A 5% reduction in the Containment spray flow rate due to an assumed degradation in CS pump performance not previously considered. b. An assumption of 15% reduction in CS effectiveness due to nozzle blockage. c. The effect of the increased heat load from restoring the Spent Fuel Cooling within 24 hours after a LOCA to preclude approaching pool boiling temperature (based on maximum decay heat load). The results from the analyses indicate that the values for containment pressure and temperature do not change significantly from those previously analyzed. Group: 2 FSAR Change Request Number: 90-164 Related SER Section: 6.2.1; SSER22 6.2.1 SER/SSER Impact: No
Table 6.2.4-1	See Sheet No(s):7 Description: (Correction) Replaces the line size for item 74 from "3/4" inch to "3/8" inch. Justification: Refer to the justification for Page 6.2-95. Group: 3 FSAR Change Request Number: 91-188.2 Related SER Section: 6.2 SER/SSER Impact: No
Figure 6.3-1	See Sheet No(s):5 Description: (Revision) Moves the LC-2 (locked closed for Unit 2) designation from 2NG-0042 (F. 10.4-18) to 1SI-0154. Adds a note to F. 6.3-1 SH 5 "Locked closed for Unit 2 Construction". Justification: Facilitates the completion of activities on Unit 2 SIS Accumulators by supplying N2 gas from Bulk Storage with minimal impact to Unit 1. Group: 2 FSAR Change Request Number: 92-628.1 Related SER Section: 6.3 SER/SSER Impact: No
Figure 6.3-1	See Sheet No(s):5 Description: (Revision) Deletes U2 drain valve from each accumulator injection line drain line. Adds a note to F6.3-1, SH 5 "Valve deleted for Unit 2 only." Justification:

FSAR Page (as amended)	Description
	The bases and criteria in ANSI N18.2-1973, N18-2a-1975, and 10CFR50.2 Section V, Para. 2ii (various editions) all specify that for a change from Safety Class 1, reactor coolant pressure boundary, to any lower safety class, two normally closed valves are required. In the case of a drain valve between the accumulator injection check valves, the first normally closed valve is the check valve closest to the loop piping. The second normally closed valve is the manual valve in the drain line. Therefore, the use of one isolation valve in the drain line is acceptable, and the transition from Safety Class 1 to NNS is at (and including) the drain isolation valve. Group: 2 FSAR Change Request Number: 92-596 Related SER Section: 6.3 SER/SSER Impact: No
8.3-26	Description: (Correction) Periodic testing of the diesel generator Justification: FSAR text incorrectly describes the diesel generator (DG) post 24 hour load test. Following the 24 hour test, a loss of offsite power (LOOP) only is simulated instead of an LOOP in conjunction with a safety injection actuation signal (SIAS). Regulatory Guide (RG) 1.108, which is the basis for the diesel generator surveillance, requires LOOP and SI signals be simulated to demonstrate that the DG is capable of auto-starting, achieving rated voltage and frequency within a specified time frame, and demonstrate the shutdown-loading-sequence to shutdown-load requirements. (See RG position C.2.a.5 in conjunction with C.2.a.1 and C.2.a.2). Per FSAR Table 8.3-2, an LOOP is the most limiting event resulting in an approximate load of 6240 kW. Simulation of an LOOP in conjunction with an SI following the 24 hour load run, is consistent with the Westinghouse Standard Technical Specification. However, Unit 1 was licensed with the simulation of an LOOP only. It appears that simulation of any of the DG autostart signals would satisfy the intent of the post 24 hour load run test. Therefore, this change is being made to be consistent with FSAR Section 1A(B) and the Unit 1 Technical Specifications. Group: 3 FSAR Change Request Number: 91-050 Related SSER Section: SSER22 8.3 SER/SSER Impact: No

FSAR Page (as amended)	Description
8.3-71	Description: (Correction) Electrical separation for large power cables Justification: The FSAR is being revised such that for 6.9kV and #4/0 AWG and larger 480V cable, a minimum of 1" and two barriers separation is required. Test conducted for Beaver Valley Unit 2, conducted by Wylie Laboratories on #6 AWG cable determined that a minimum of one inch and one barrier would provide adequate protection. The #6 cable was selected since it was determined to generate the highest surface temperature. Analysis by TU Electric determined that the above test is applicable to CPSES cable configurations. However, for additional conservatism, a second barrier will be employed between redundant large power cables, except when the conduit is non-safety related or the conduit elevation is below a power cable tray side rail or cable in air; in which case, one inch and one barrier is required. See SSER 22, Section 8.4.4 for NRC acceptance for the above exceptions. Group: 3 FSAR Change Request Number: 92-632 Related SSER Section: SSER22 8.4.4 SER/SSER Impact: No
8.3-78	Description: (Correction) Maximum cable size for one hour fire rated cable Justification: Maximum cable size for one hour fire rated cable is being changed from #1/0 AWG to #8 AWG cable. Vendor testing demonstrates that the #8 AWG cable is an acceptable one hour fire barrier. Specific details regarding the contruction and specific use of this cable is described in a previously submitted FSAR advance change via TXX-91248, dated July 29, 1991. Group: 3 FSAR Change Request Number: 92-631.2 Related SSER Section: SSER22 8.4.4 SER/SSER Impact: No
Figure 8.3-5	See Sheet No(s):01, 02 Description: (Correction) Deletion of the Bentley Nevada Module setting from the one line diagrams. Justification: The Bentley Nevada Module setting information has been deleted from the electrical one line diagram. The settings are more appropriately located on plant drawings. Therefore, Note 14 on the one line diagram is being revised to describe the circuitry and remove the setting information Group: 3

FSAR Page (as amended)	Description
	FSAR Change Request Number: 92-516 Related SSER Section: SSER22 8.3 SER/SSER Impact: No
Figure 9.1-13	See Sheet No(s):01 Description: (Correction) Correct figure to show drain valve downstream of Train A Spent Fuel Pool Cooling Water Pump as "Closed". Correct figure to show isolation valves for strainer inlet pressure indicators to be closed. Justification: Drain valves must be closed to prevent system inleakage This change corrects a drafting error which showed these as being normally open. The isolation valves to the temporary strainer inlet pressure indicators must be closed, as pressure indicators are temporary (used for flushing operations) and can be removed. Group: 3 FSAR Change Request Number: 92-289 Related SER Section: 9.1.3; SSER22 9.1.3 SER/SSER Impact: No
9.2-25	Description: (Editorial) Revise Section 9.2.2.3 to incorporate the information contained in the response to Q010.4 and add the Q010.4 reference to other related paragraphs. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-10.2 Related SER Section: 9.2.2 SER/SSER Impact: No
9.2-59, 60	See Page No(s):61 thru 64 Description: (Correction) Miscellaneous changes to the Waste Water Management System to reflect the as-built condition including deletion of total retention of low volume wastewaters, clarifier sump wastes, oil, grease and pH monitors and their auto function. Justification: Specific sampling requirements are based on the Texas water commission and EPA-NPDES permits. The LVW treatment facilities are not designed for total retention of low volume wastewaters. Clarifier sump waste is not required in this section as it may change with modifications of the Surface Water Pretreatment System. Oil and grease monitors and pH monitors are not reliable and have impeded proper operation of the system within required wastewater guidelines. Equipment

FSAR Page (as amended)	Description
	failures tend to shut off discharges well within permit limits. Since the waste water holdup tanks are sampled and released on a batch basis, no possibility of pH or oil and grease levels exceeding permit limits exists at this release point. The limits for radiological discharge are established in the Radiological Effluent Controls Program required by the Technical Specifications rather than FSAR Section 11.5.3.2. The LVW Batch Neutralization System and Oil/Water are inadequate and have been abandoned in-place. Group: 3 FSAR Change Request Number: 92-597 Related SER Section: 9.2.3 SER/SSER Impact: No
Figure 9.2-3	See Sheet No(s):01 Description: (Update) Revise figure to show Component Cooling Water (CCW) drain valve on the shell side of CCW heat Exchanger (CP1-CCAHHX-02). Justification: The drain valve is located on the shell side of the CCW heat exchanger and this change reflects the as-built configuration of the CCW system Group: 3 FSAR Change Request Number: 92-565 Related SER Section: 9.2.2; SSER22 9.2.2 SER/SSER Impact: No
Figure 9.2-4A	See Sheet No(s):02 Description: (Update) Deletes four manual valves in the Surface Water Pretreatment system. Justification: Valves XWT-1199,1202,1210 and 1213 are deleted from the figure to reflect the as-built design. These valves are either drain or sample valves. Group: 3 FSAR Change Request Number: 91-117 Related SER Section: 9.2 SER/SSER Impact: No
Figure 9.2-4A	See Sheet No(s):02 Description: (Update) Revises figure to include minor changes which reflect the as-built design. Justification: Revise the figure to reflect the as-built design of the Surface Water Treatment System. The Surface Water System is a non-safety related system and the minor changes will not impact the safety of the plant. Group: 3

FSAR Page (as amended)	Description
	FSAR Change Request Number: 91-121 Related SER Section: 9.2 SER/SSER Impact: No
Figure 9.2-4A	See Sheet No(s):03 Description: (Update) Revises figure to include minor changes reflecting the as-built design. Justification: Revise the figure to reflect the as-built design of the Surface Water Treatment System. The Surface Water System is a non-safety related system and the minor changes will not impact the safety of the plant. Group: 3 FSAR Change Request Number: 91-122 Related SER Section: 9.2 SER/SSER Impact: No
Figure 9.2-5	See Sheet No(s):02 Description: (Correction) Revises figure to add piping to the vacuum deaerator vacuum pump seal water recirculation loops. Justification: Addition of the piping and flow devices will improve the low flow conditions in vacuum deaerator pump seal water recirculation loops and improve the overall system operating efficiency. Group: 3 FSAR Change Request Number: 92-610 Related SER Section: 9.2.3; SSER22 9.2.3 SER/SSER Impact: No
9.3-21, 23	See Page No(s):26 and 27 Description: (Correction) Miscellaneous changes to the Equipment and Floor Drainage System to reflect the as-built condition, including provisions for routing of relief valve discharge from potentially radioactive fluid tanks to the Liquid Waste Processing System. Justification: Minor changes to the Equipment and Floor Drainage System to reflect the system as-built condition. Also aerated tritiated drains of reactor coolant quality are collected in waste holdup tank for treatment, recycling or disposal. Group: 3 FSAR Change Request Number: 92-601 Related SER Section: 9.3.3 SER/SSER Impact: No

FSAR Page (as amended)	Description
9.3-84, 85	See Page No(s):86, 87 and 89 thru 94 Description: (Correction) Miscellaneous minor changes/clarification to the Poron Recycle System (BRS) to reflect as-built conditio. including the BRS collection criteria for excess Reactor Coolant, clarification to the BRS description, and operation of the BRS. Justification: Minor changes/clarification to reflect the as-built condition of BRS. Clarification to the description and operation of the BRS allows flexibility to reuse/cycle of the effluent, pass the effluent through the demineralizer or through the waste processing system before release through the final discharge point. Group: 3 FSAR Change Request Number: 92-602 Related SER Section: 9.3.4 SER/SSER Impact: No
Figure 9.3-1	See Sheet No(s):08,11 Description: (Update) Revise the figure to correct and clarify minor changes to the Instrument Air System. Justification: Minor changes in the Instrument Air System reflect the as-built configuration of the Instrument Air distribution System. Group: 3 FSAR Change Request Number: 91-183 Related SER Section: 9.3.1; SSER22 9.3.1 SER/SSER Impact: No
Figure 9.3-1	See Sheet No(s):10 Description: (Correction) Corrects the Instrument tag no from X-LT-5282 to X-LY-5282 for Liquid Waste Processing System, to reflect the as-built design of the plant. Justification: Level transmitter is an electronic device which does not require an air supply. Instrument X-LT-5282, which converts milliamp output from the level transmitter to a pneumatic signal, needs instrument air supply. Group: 4 FSAR Change Request Number: 92-607 Related SER Section: 9.3.1; SSER22 9.3.1 SER/SSER Impact: No
Figure 9.3-10	See Sheet No(s):02 Description: (Correction) Remove the locked closed designation from CVCS mix bed demineralizer drain tank header isolation valve. Justification:

FSAR Page (as amended)	Description
	Removal of lock close designation is consistent with other CVCS valves and is consistent with CPSES valve locking criteria. Removal of the mechanical device for this valve allows greater flexibility in positioning the subject valve. The removal of the locked closed designation will not impact the safety of the plant. Group: 3 FSAR Change Request Number: 92-088 Related SER Section: 9.3.4; SSER22 9.3.4 SER/SSER Impact: No
9.4-27	Description: (Addition) Add back-up Air-conditioning unit to the thyristor voltage regulator room. Justification: Addition of the back-up unit to the TVR room will adequately maintain the required temperature for operation of the TVR solid state electronics equipment. Group: 3 FSAR Change Request Number: 91-176.1 Related SER Section: 9.4; SSER22 9.4 SER/SSER Impact: No
Figure 9.4-2	See Sheet No(s):01 Description: (Clarification) Clarify the existing note on figure regarding air flow rates (based on standard conditions and design conditions). Justification: The flow rates for the safety related fan coil units were depicted without parentheses, which could be interpreted to be standard CFM. These flow rates are based on calculations where the flows were assumed to be leaving the coils to cool the pump rooms when the pumps operate (accident conditions). Since this assumption is based on accident conditions, the flow rates are not at standard conditions (70 degree F and normal plant operating temperatures). By clarifying this note on the figures, the flow rates depicted for the safety related fan coil units will be addressed correctly. Group: 4 FSAR Change Request Number: 92-568.1 Related SER Section: 9.4.5; SSER22 9.4.5 SER/SSER Impact: No
Figure 9.4-2	See Sheet No(s):03 Description: (Correction) Corrects Unit 2 instrument tag numbers (Temperature Switches) for the CVCS and CCW pump rooms fan coil units. Justification: Corrects the Temperature Indicating Switches to Temper-

FSAR Page (as amended)	Description
	ature Switches for the CVCS and CCW pump romm fan coil units, which were incorrectly depicted on the figure. This change reflects the as-built design of the plant. Group: 3 FSAR Change Request Number: 92-595 Related SER Section: 9.4.5; SSER22 9.4.5 SER/SSER Impact: No
Figure 9.4-2	See Sheet No(s):04 Description: (Update) Justification: Changes to this figure are editorial. Group: 3 FSAR Change Request Number: 92-629 Related SER Section: 10.4.3 SER/SSER Impact: No
Figure 9.4-3	Description: (Addition) Add new Air-conditioning unit to the thyrister voltage regulator (TVR) room and keep existing unit as a spare. Justification: Addition of the new unit to the TVR room will adequately maintain the required temperature for operation of the TVR solid state electronics equipment. Also spare A/C unit will provide flexibility in operation and maintanance. Group: 3 FSAR Change Request Number: 91-176.2 Related SER Section: 9.4; SSER22 9.4 SER/SSER Impact: No
Figure 9.4-4	See Sheet No(s):02;03 Description: (Clarifica on) Clarify the existing note on figure regarding air flow rates (based on standard conditions and design conditions). Justification: The flow rates for the safety related fan coil units were depicted without parentheses, which could be interpreted to be standard CFM. These flow rates are based on calculations where the flows were assumed to be leaving the coils to cool the pump rooms operate (accident conditions). Since this assumption is based on accident conditions, the flow rates are not at standard conditions (70 degree F and normal plant operating temperatures). By clarifying the note on the figure, the flow rates depicted for the safety related fan coil units will be addressed correctly. Group: 4 FSAR Change Request Number: 92-568.2 Related SER Section: 9.4.5; SSER22 9.4.5 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 9.4-12	See Sheet No(s):02,03 Description: (Addition) Add 1/2" vent valves on the safety chilled water coils for venting the air in the cooling coils. Justification: Installation of the vent valves on the top of the safety chilled water cooling coils will increase the units efficiency by bleeding the air out of the coils and of the system and filling the coils with water. Group: 3 FSAR Change Request Number: 92-598 Related SER Section: 9.4.6; SSER22 9.4.6 SER/SSER Impact: No
9.4C-1	Description: (Clarification) Correct the Diesel Generator Equipment Room from 129.2 deg. F to 130 deg. F during Emergency conditions when Diesel Generator is operating. Justification: The project calculations justifie a temperature of 129.2 deg. F in the Diesel Generator Equipment Room during emergency conditions with the diesel generator operating. This temperature is rounded to the 130 deg. F, which is consistent with the Plant Technical Specification 3/4 7.11, Table 3.7-3. This change is a minor change, to be consistent with the existing Tech Spec and the Calculation. Group: 3 FSAR Change Request Number: 91-189 Related SER Section: 9.4.5; SSER23 9.4.5 SER/SSER Impact: No
9.4E-2, 5	See Page No(s):8 Description: (Correction) Changes the operational control of the second system from flow element to pressure differential instrumentation. Also various editorial changes. Justification: This change makes the FSAR section consistent with the FSAR figures and the as-built design of the Plant Ventilation Chilled Water System. Group: 3 FSAR Change Request Number: 92-619 Related SER Section: 9.4; SSER22 9.4 SER/SSER Impact: No

FSAR Page (as amended)	Description
9.5-142, 144	Description: (Clarification) Clarifies the seven day diesel oil capacity required to run the diesel generator for emergency operation. Justification: The seven day requirement for the diesel generator is the total capacity both from reserved capacity in the storage tank and portion of the day tank capacity which is consistent with the plant Technical Specification and meets the requirement of the NRC R.G. 1.137 and ANSI N195. Group: 3 FSAR Change Request Number: 92-603.1 Related SER Section: 9.5.4; SSER24 9.5.4 SER/SSER Impact: No
9.5-144	Description: (Clarification) Clarifies the safety classification of the Fuel Oil and Storage System components to be safety class 3 except as noted on Table 17A-1. Justification: The Fuel Oil and Storage System components are in conformance with the ANSI N18.2 as endorsed by NRC R.G 1.137 and ANSI N195. These components are Safety Class 3 except as noted on Table 17A-1 of the FSAR. Group: 3 FSAR Change Request Number: 92-603.2 Related SER Section: 9.5.4; SSER24 9.5.4 SER/SSER Impact: No
Figure 9.5-54	See Sheet No(s):01,02 Description: (Clarification) Revise figure to reflect the chemical addition point for jacket water makeup. Justification: The figure has been revised to show the chemical addition location for the chemical discussed in section 9.5.5.2. The flow direction arrow is removed to reflect the line can be used to either fill or drain the stand pipe. The addition of chemicals to the jacket water system controls the corrosion and fouling in the system Group: 4 FSAR Change Request Number: 92-566 Related SER Section: 9.5.5; SSER22 9.5.5 SER/SSER Impact: No
10.2-37	Description: (Q&R Incorporation) Relocates response to Q&R 040.135 to the FSAR text. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-291

FSAR Page (as amended)	Description
	Related SER Section: 10.2 SER/SSER Impact: No
10.2-41	Description: (Q&R Incorporation) Relocates Item E from Q124.1. Justification: Q&R relocation is required as part of the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-330 Related SER Section: 10.2.2, SSER22 10.2.2 SER/SSER Impact: No
10.3-9	Description: (Q&R Incorporation) Relocates response to Q&R 212.139 to the FSAR text. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-206 Related SER Section: 10.3.1 SER/SSER Impact: No
10.4-5, 6	Description: (Revision) Deletes reference to the salinity trough conductivity meters and adds reference to sodium analyzers. Justification: The salinity trough conductivity meters do not provide reliable indications of conductivity and thus are not useful for indication of condenser tube leakage. Condenser tube leaks are monitored using existing hotwell conductivity monitors and sodium analyzers located at various points in the condensate system (e.g., hotwell, condensate pump discharge and polisher outlet). Group: 2 FSAR Change Request Number: 92-611.1 Related SER Section: 10.4.1; SSER22 10.4.1 SER/SSER Impact: Yes SSER 22 indicates that condenser tube leakage will be detected in the salinity troughs.
10.4-6	Description: (Revision) Deletes discussion of the capability of the Condensate Cleanup System. Justification: The Condensate Polishing System has been found to be capable of reducing dissolved and suspended solids but is not capable of maintaining the condensate/feedwater quality within T10.3-10 limits with a 6 gpm cooling water inleakage. Actions taken to maintain condensate chemistry within required limits (or mitigating actions

FSAR Page (as amended)	Description
	should limits be exceeded) are in accordance with plant procedures. Group: 2 FSAR Change Request Number: 92-611.2 Related SER Section: 10.4.1; SSER22 10.4.1 SER/SSER Impact: No
10.4-6	Description: (Revision) Deletes periodic hotwell sampling as a method for detecting condenser cooling water inleakage. Justification: The installed sodium analyzers with high level alarm provide a superior method for monitoring of condenser inleakage. Group: 2 FSAR Change Request Number: 92-611.1 Related SER Section: 10.4.1; SSER22 10.4.1 SER/SSER Impact: Yes The SER indicates that periodic sampling of the hotwells is performed to detect condenser tube leaks.
10.4-66	Description: (Q&R Incorporation) Relocates a portion of the response to Q210.5, related to Feedwater Isolation Valve interlocks, into the FSAR text. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-579 Related SER Section: 10.4.7 SER/SSER Impact: No
10.4-82	Description: (Q&R Incorporation) Relocates a portion of the response to Q210.5, related to steam back-leakage through the Auxiliary Feedwater nozzle, into the FSAR text. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-579 Related SER Section: 10.4.9 SER/SSER Impact: No
10.4-82	Description: (Clarification) Clarifies the AFW flow requirements for the Main Feedwater Line break accident. Justification: The original FSAR description was not clear with regard to AFW flow requirements for the above accident in that it only provided a discussion of flow provided at

FSAR Page (as amended)	Description
	the initial stages of the accident development. It did not discuss the additional AFW flow provided later in the progression of the scenerio. A reference to the accident scenerio described in Section 15.2.8 is now added which provides this information. Group: 4 FSAR Change Request Number: 92-593 Related SER Section: 10.4.9 SER/SSER Impact: No
Table 10.4-20	See Sheet No(s):01 Description: (Revision) Deletes reference to the salinity trough conductivity meters. Justification: See description provided for page 10.4-5. Group: 2 FSAR Change Request Number: 92-611.1 Related SER Section: 10.4.1; SSER22 10.4.1 SER/SSER Impact: No
Figure 10.4-4	See Sheet No(s):01 Description: (Correction) Justification: Editorially corrects figure to delete drain valve on turbine gland steam system. Group: 3 FSAR Change Request Number: 92-629 Related SER Section: 10.4.3 SLR/SSER Impact: No
Figure 10.4-4	See Sheet No(s):02 Description: (Correction) Adds loop seal isolation valve to the turbine gland steam system. Justification: Restoration of the U1/U2 cross-tie between the turbine gland steam exhaust and the Aux. Building ventilation system requires this valve to isolate loop seal until the U2 gland steam system is in service. Group: 3 FSAR Change Request Number: 92-629 Related SER Section: 10.4.3 SER/SSER Impact: No
Figure 10.4-5	See Sheet No(s):04 Description: (Update) Removes blank flange in the U1/U2 circulating Circulating Water cross-tie. Justification: A blank flange was installed to permit U2 construction while U1 was operating. With the completion of U2

FSAR Page (as amended)	Description
	construction activities the system drawings are updated to show the operative cross-tie. Group: 3 FSAR Change Request Number: 91-200 Related SER Section: 10.4.5 SER/SSER Impact: No
Figure 10.4-8	See Sheet No(s):01 Description: (Revision) Removes test connections on either side of condensat system valve LV-2211/12. Justification: These test connections were subject to vibrations which caused the weld connections to weaken and potentially crack and leak. Their removal eliminates this potential. Group: 3 FSAR Change Request Number: 92-600 Related SER Section: 10.4.7 SER/SSER Impact: No
Figure 10.4-8	See Sheet No(s):04 Description: (Revision) Adds a two inch bypass line with isolation valves around each Unit 2 Feedwater suction valve. Justification: The bypass line assists in filling and venting the feedwater pumps and associated piping and reduces the potential for waterhammer. The revision currently applies to Unit 2 only but it is anticipated that the same modification will be performed for Unit 1 at a later date. Group: 3 FSAR Change Request Number: 92-627 Related SER Section: 10.4.7 SER/SSER Impact: No
Figure 10.4-16	See Sheet No(s):02 Description: (Update) Removes Note 13 which previously indicated that the U1/U2 auxiliary steam cross-tie isolation valve is locked closed to prevent a potential high energy line break. Justification: The valve was originally required to be locked closed for construction of U2 auxiliary steam system while U1 was operating. With the completion of U2 construction activities the normal two valve protection is sufficient for HELB protection and the locked closed single valve is no longer required. Group: 3 FSAR Change Request Number: 92-003

FSAR Page (as amended)	Description
	Related SER Section: 10.3 SER/SSER Impact: No
Figure 10.4-18	See Sheet No(s):1 Description: (Revision) Moves LC-2 (locked closed for Unit 2) designation from 2NG-0042 to 1SI-00154 (F. 6.3-1 SH 5). Includes editorial corrections to the reference arrows on Figure 10.4-18 LOC: G-1. Justification: See justification for Figure 6.3-1 SH 5. Group: 2 FSAR Change Request Number: 92-628.2 Related SER Section: 6.3 SER/SSER Impact: No
11.1-1	Description: (Editorial) Addition of prime to "B" in numerator of equation. Justification: The change corrects typographical error. Group: 4 FSAR Change Request Number: 92-605.1 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
11.1-1	Description: (Clarification) Adds that shielding design source terms are conservatively based on recycling wastes within the plant. Justification: This change is added for clarification only. Although the waste streams are processed and no longer recycled , this conservative aspect of the design is not necessary to be changed. Group: 4 FSAR Change Request Number: 92-605.7 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
11.1-1, 3	See Page No(s):5 Description: (Clarification) Addition of reference NUREG-0017 [6] Justification: NUREG-0017 is the basis for the effluent release analysis and notes recent operating data / refers to ANS standard.This change is only for clarification. Group: 4 FSAR Change Request Number: 92-605.6 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No

FSAR Page (as amended)	Description
11.1-3	Description: (Clarification) Changes "range of" to "nominal". Justification: ANSI/ANS-18.1-1984 provides only nominal values, not ranges. Group: 3 FSAR Change Request Number: 92-605.17 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
11.1-4	Description: (Clarification) Addition of past tense to shielding design source terms. Justification: These source terms were used for the original design per DBD-ME-025 Rev. 1 and WCAP-7664 Rev. 1 dated 10/1972; revised source term data is currently used for shield design. Group: 4 FSAR Change Request Number: 92-605.8 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
11.1-5	Description: (Correction) Revise gas decay tank switching interval from " every day" to "regularly". Justification: This change will provide increased flexibility for system operation and reduce operator exposure time. Group: 2 FSAR Change Request Number: 92-605.2 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
11.1-5	Description: (Editorial) Addition of "in" for clarity. Justification: This change is simply editorial. Group: 4 FSAR Change Request Number: 92-605.5 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
11.1-5	Description: (Clarification) Replaces percent stripping efficiency with volume control tank purge rate. Justification: Basis for activities is no longer stripping efficiency. Refer to DBD-ME-025 Rev. 1. Group: 4 FSAR Change Request Number: 92-605.9 Related SER Section: 11.1; SSER22 11.1

FSAR Page (as amended)	Description
	SER/SSER Impact: No
11.1-6	Description: (Update) Update reference to revised ANS standard. Justification: Effluent release calculations have been revised to include current source term data per ANSI/ANS-18.1-1984 (ref. DBD-ME-025, Tables 5-6A,6B). Group: 3 FSAR Change Request Number: 92-605.18 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
Table 11.1-3	See Sheet No(s):1 Description: (Correction) Corrects CPSES parameters and concentrations used for effluent release calculations per NUREG-0017 and plant operating practices. Justification: Effluent release calculations have been revised to include current source term data per ANSI/ANS-18.1-1984 (ref. DBD-ME-025, Tables 5-6A,6B).Data has been adjusted within GALE code but not fully to std. guidance. Group: 2 FSAR Change Request Number: 92-605.12 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
Table 11.1-3	See Sheet No(s):1 Description: (Correction) Revise ratio of condensate demineralizer flow rate to total steam flow rate. Justification: New value calculated per calculation ME-CA-0000-3160. Group: 2 FSAR Change Request Number: 92-605.16 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
Table 11.1-4	See Sheet No(s):1 Description: (Clarification) Adds note "a" to indicate that the values are provided from ANSI/ANS-18.1-1984. Justification: Values for N-16 and H-3 concentrations are from the referenced standard. N-16 was not used in determining liquid effluent releases.Values of tritium are in Ci/yr.See NUREG-0017 Rev1 or ME-CA-0000-3160 calc. Group: 4 FSAR Change Request Number: 92-605.10 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No

FSAR Page (as amended)	Description
Table 11.1-4	See Sheet No(s):1,2 Description: (Correction) Corrects CPSES parameters and concentrations used for effluent release calculations per NUREG-0017 and plant operating practices. Justification: Effluent release calculations have been revised to include current source term data per ANSI/ANS-18.1-1984 (ref. DBD-ME-025, Tables 5-6A,6B).Data has been adjusted within GALE code but not fully to std. guidance. Group: 2 FSAR Change Request Number: 92-605.13 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
Table 11.1-5	See Sheet No(s):5 Description: (Editorial) Correction of data pertaining to specific source strength for consistancy with WCAP-7664 Rev.1. Justification: This change corrects values which were listed erroneously due to typographical error. Group: 4 FSAR Change Request Number: 92-605.4 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
Table 11.1-5	See Sheet No(s):6 Description: (Clarification) Change the word " monitor" to "evaporator" in the filter description for clarity. Justification: This change clarifies the identification of the subject filter. Group: 4 FSAR Change Request Number: 92-605.3 Related SER Section: 11.1; SSER22 11. SER/SSER Impact: No
Table 11.1-7	See Sheet No(s):1 Description: (Clarification) Adds note "a" to indicate that values are provided from ANSI/ANS-18.1-1984. Justification: Values for N-16 and H-3 concentrations are from the referenced standard. N-16 was not used in determining liquid effluent releases. Values of tritium are in Ci/yr.See NUREG-0017 Rev1 or ME-CA-0000-3160 calc. Group: 4 FSAR Change Request Number: 92-605.11 Related SER Section: 11.1; SSER22 11.1

FSAR Page (as amended)	Description
	SER/SSER Impact: No
Table 11.1-7	See Sheet No(s):1,2,3 Description: (Correction) Corrects CPSES parameters and concentrations used for effluent release calculations per NUREG-0017 and plant operating practices. Justification: Effluent release calculations have been revised to include current source term data per ANSI/ANS-18.1-1984 (ref. DBD-ME-025, Tables 5-6A,6B).Data has been adjusted within GALE code but not fully to std. guidance. Group: 2 FSAR Change Request Number: 92-605.14 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
Table 11.1-7	See Sheet No(s):1,2,3 Description: (Correction) Changes the title of the table to accurately reflect the data contained in the table. Justification: Effluent release calculations have been revised to include current source term data per ANSI/ANS-18.1-1984 (ref. DBD-ME-025, Tables 5-6A,6B).Data has been adjusted within GALE code but not fully to std. guidance. Group: 2 FSAR Change Request Number: 92-605.19 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
Table 11.1-7	See Sheet No(s):3 Description: (Correction) Deletes moisture carryover in steam data. Justification: Information not used. Group: 3 FSAR Change Request Number: 92-605.18 Related SER Section: 11.1; SSER22 11.1 SER/SSER Impact: No
11.2-1	Description: (Clarification) Deletes the last sentence to Section 11.2.1.1 which was a discussion on processing to limit quantities to normal operation. Justification: This statement appeared to contradict the design intent as specified in the previous sentence. Group: 4 FSAR Change Request Number: 92-607.1 Related SER Section: 11.2 SER/SSER Impact: No

FSAR Pa (as [illegible]	Description
11.2-2, 3	Description: (Clarification) Changes Section 11.2.1.2, item 1 "Radioactive Release" to read as "10 CFR Part 20 - Maximum Permissible Concentrations"; deletes the table of major isotopes; and clarifies the definition of concentration limits. Justification: The table of major isotopes was deleted due to inadequacies of the list; the tables in Section 11.2 will reflect actual calculations. Additions to the Concentration Limit definition enhances the description by adding the requirement for summing the ratio of nuclides and clarifies specific release points. Group: 4 FSAR Change Request Number: 92-657.2 Related SER Section: 11.2 SER/SSER Impact: No
11.2-3	Description: (Revision) Removes reference to the Reverse Osmosis equipment and changes the description of Recycling capability for control of release to include limitations on recycling (Section 11.2.1.3). Justification: The laundry Reverse Osmosis system has been abandoned in place. The limitations are in place to ensure proper Chemistry and ALARA control programs can be satisfied. Group: 3 FSAR Change Request Number: 92-657.3 Related SER Section: 11.2 SER/SSER Impact: No
11.2-4	Description: (Clarification) Removes unnecessary details on usage of spare pumps from Section 11.2.1.5; and deletes the paragraph on maintaining the level in Reactor Coolant Drain Tank. Justification: Tank recirculation is not for maintaining level but rather for cooling of the liquid. Additional discussion on the RCDT is provided in Section 5.0. Group: 4 FSAR Change Request Number: 92-657.4 Related SER Section: 11.2 SER/SSER Impact: No
11.2-5	Description: (Clarification) Removes the statement "If an administrative release is necessary" from Section 11.2.2.1; and restated the use of the Boron Recycle System (BRS) on processing RCS liquids. Justification:

FSAR Page (as amended)	Description
	Due to Chemistry and ALARA programs most waste waters are discharged to the Circulatory Water System. RCS water may be processed through the Liquid Waste Processing System during times of system upsets and refueling outages. Group: 4 FSAR Change Request Number: 92-657.5 Related SER Section: 11.2 SER/SSER Impact: No
11.2-6	Description: (Correction) Changes the general description of Section 11.2.2.2, LWPS design, to include flexibility of the system; and includes the Auxiliary and Safeguards Building floor drains. Justification: With administrative controls in place system flexibility is utilized. This flexibility enhances purification by utilizing equipment best suited for cleanup. The building drains added were initially included in discussion. Group: 4 FSAR Change Request Number: 92-657.6 Related SER Section: 11.2 SER/SSER Impact: No
11.2-6	Description: (Revision) Adds the capability of 50 gpm processing rate through the Filter Demineralize Skid in Section 11.2.2.2, and relocates the third paragraph from Page 11.2-7 to Page 11.2-6 as new item 7 in Section 11.2.2.2. Justification: This section was changed to reflect the installation of a modification which installed a Filter Demineralizer System (FDS). Group: 3 FSAR Change Request Number: 92-657.7 Related SER Section: 11.2 SER/SSER Impact: No
11.2-7	Description: (Clarification) Changes the statement in Section 11.2.2.2 from "over three million gals/year through the waste evaporators" to read as "all anticipated inputs to the system". Justification: Current operating philosophy does not include use of the Boron Recycle System (BRS) evaporator as a backup for Liquid Waste Process. Currently Boric Acid is recycled and the use of evaporator as backup for Waste Processing would preclude reuse of Boric Acid due to chemical contamination. Group: 4

FSAR Page (as amended)	Description
	FSAR Change Request Number: 92-657.8 Related SER Section: 11.2 SER/SSER Impact: No
11.2-7	Description: (Correction) Deletes the paragraph in Section 11.2.2.2 describing exceptions to upper limit capacity of the LWPS. Justification: Current operating philosophy does not include use of the BRS evaporator as a backup for Liquid Waste Process. Currently Boric Acid is recycled and the use of the evaporator as backup for Waste Processing would clude reuse of Boric Acid due to chemical contamination. Group: 4 FSAR Change Request Number: 92-657.9 Related SER Section: 11.2 SER/SSER Impact: No
11.2-7	Description: (Clarification) Changes Section 11.2.2.2 subsection 1 wording from "This liquid is processed by the BRS for reuse ..." to "this liquid may be processed by the BRS ...". Justification: Current operational constraints (no steam) does not allow for use of evaporators during plant outage conditions; therefore, water may be processed using the Filter Demin. System in the LWPS. Group: 4 FSAR Change Request Number: 92-657.10 Related SER Section: 11.2 SER/SSER Impact: No
11.2-8	Description: (Correction) Revises Section 11.2.2.2 to delete discussion on Recycle Holdup Tank level and return of fluid to Reactor Coolant Drain Tank. Justification: The discussion was incorrect Group: 4 FSAR Change Request Number: 92-657.11 Related SER Section: 11.2 SER/SSER Impact: No
11.2-8	Description: (Clarification) Removes reference to "two" hydrogen gas bottles in Section 11.2.2.2. Justification: The number of bottles of hydrogen can vary and is controlled by operating conditions and procedures. Group: 4 FSAR Change Request Number: 92-657.12

FSAR Page (as amended)	Description
	Related SER Section: 11.2 SER/SSER Impact: No
11.2-8	Description: (Clarification) Changes Section 11.2.2.2, item 2.b from "Sample room sink drains (to waste holdup tank; excess primary sample volume only)" to "Sample room sink drains (to waste holdup tank)". Justification: Other waters are discharged into sample room sink such as Demin. Water, etc. Group: 4 FSAR Change Request Number: 92-657.13 Related SER Section: 11.2 SER/SSER Impact: No
11.2-8	Description: (Revision) Adds the option of processing of liquids from the Waste Holdup Tanks using the Filter Demineralizer System (FDS) in Section 11.2.2.2. Justification: A plant modification added the ability to process this source of water through the FDS. Group: 3 FSAR Change Request Number: 92-657.14 Related SER Section: 11.2 SER/SSER Impact: No
11.2-9	Description: (Revision) Changes wording in Section 11.2.2.2 to include use of FDS which will allow discharge and no air removal capability. Justification: Plant modification allows the Waste Evaporator feed pump to be directed to the FDS. Group: 3 FSAR Change Request Number: 92-657.15 Related SER Section: 11.2 SER/SSER Impact: No
11.2-9	Description: (Clarification) Adds the ability to transfer water from the Waste Evaporator Condensate Tank to the Waste Monitor Tanks and the Laundry Holdup Monitor Tanks in Section 11.2.2.2, subsection 2. Justification: Plant modification includes the capability to transfer Waste Evaporator distillate to the monitor tanks in the even water is not to be reprocessed or reused. Group: 4 FSAR Change Request Number: 92-657.16 Related SER Section: 11.2

FSAR Page (as amended)	Description
	SER/SSER Impact: No
11.2-9	Description: (Revision) Adds a description which states that effluent from the FDS will be directed to the Waste Monitor and Lanudry Holdup Monitor Tanks in Section 11.2.2.2, subsection 2. Justification: Plant modification provided a clean pathway for Drain Channel "A" through the FDS. This change will clarify the modification's operational implementation. Group: 3 FSAR Change Request Number: 92-657.17 Related SER Section: 11.2 SER/SSER Impact: No
11.2-9	Description: (Revision) Adds a paragraph to Section 11.2.2.2, subsection 2 that the Waste Evaporator will provide backup to the Boron Recycle System. Justification: Current operating philosophy utilizes the Waste Evaporator. Group: 3 FSAR Change Request Number: 92-657.18 Related SER Section: 11.2 SER/SSER Impact: No
11.2-10	Description: (Revision) Adds a statement in Section 11.2.2.2 which states that Floor Drain Tank #3 is utilized as a batch tank for FDT #1 and FDT #2. Justification: A representative sample would be required before processing to determine proper purification methods and proper resin usage. Due to the large volume capacity and the isolation capability of FDT #3, it was therefore selected as the batch sample tank. Group: 3 FSAR Change Request Number: 92-657.19 Related SER Section: 11.2 SER/SSER Impact: No
11.2-10	Description: (Clarification) Changes the description of the flow paths for laboratory sinks and samples and deletes a statement regarding segregation of rinse water and samples. (Section 11.2.2.2) Justification: Due to equipment design and being manpower intensive, sample wates are not segregated. Instead sample wastes are analyzed prior to admission into the waste processing system.

FSAR Page (as amended)	Description
	Group: 4 FSAR Change Request Number: 92-657.20 Related SER Section: 11.2 SER/SSER Impact: No
11.2-10	Description: (Revision) Changes a Section 11.2.2.2, subsection 3 statement to use Floor Drain Tank #3 as a sample batch tank for determining type of processing required; add water inventories as criteria for recycle; and delete the statement "for recycle to the secondary system". Justification: Due to ALARA and Chemistry requirements processed water will not be recycled back to the secondary system and FDT #3 will be utilized as a batch sample tank. Group: 3 FSAR Change Request Number: 92-657.21 Related SER Section: 11.2 SER/SSER Impact: No
11.2-11	Description: (Revision) Revises the general description of the floor drain waste flow paths that includes use of the Filter Demineralizer Skid, and deletes the ability to direct effluents to secondary system makeup. Justification: Plant modification provided a flow path that allows purification of Drain Channel "B" waste through FDS. ALARA and Chemistry concerns prevent use of waste effluents as makeup to secondary system. Group: 3 FSAR Change Request Number: 92-657.22 Related SER Section: 11.2 SER/SSER Impact: No
11.2-11	Description: (Editorial) Changes Section 11.2.2..2, subsection 3 to delete the sentence in the second paragraph which states that the valve described in this section closes automatically. Justification: This is a redundant statement; the following sentence states also that the valve will close. Group: 4 FSAR Change Request Number: 92-657.23 Related SER Section: 11.2 SER/SSER Impact: No
11.2-11	Description: (Revision) Deletes plant laundry and adds vendor laundry as an input into Drain Channel "C" equipment in Section 11.2.2.2, subsection 4. Justification:

FSAR Page (as amended)	Description
	The plant laundry has been removed and laundry services as required will be provided by vendor services. Group: 3 FSAR Change Request Number: 92-657.24 Related SER Section: 11.2 SER/SSER Impact: No
11.2-11	Description: (Revision) Deletes the Reverse Osmosis System as Drain Channel "C" equipment from Section 11.2.2.2, subsection 4. Justification: The Reverse Osmosis System has been abandoned in place. Group: 3 FSAR Change Request Number: 92-657.25 Related SER Section: 11.2 SER/SSER Impact: No
11.2-12	Description: (Update) Reduces laundry and hot shower waste volume to 20,000 gals/yr in Section 11.2.2.2, subsection 4. Justification: Reduced volume results from use of offsite vendor service for most laundry cleaning requirements. Group: 4 FSAR Change Request Number: 92-657.26 Related SER Section: 11.2 SER/SSER Impact: No
11.2-12	Description: (Revision) Adds a statement to Section 11.2.2.2, subsection 4 that states "With the use of the Filter Demineralizer System the Laundry Holdup Monitor Tanks may also receive effluent". Justification: Plant modification provided a flow path that will allow cleanup of Drain Channel "C" wastes through the Filter/Demineralizer Skid. Group: 3 FSAR Change Request Number: 92-657.27 Related SER Section: 11.2 SER/SSER Impact: No
11.2-12	Description: (Clarification) Adds the word "normally" to Section 11.2.2.2, subsection 5 in the statement that Spent Resin is transported and stored in the Spent Resin Storage Tank. Justification: Plant modification provided the ability to bypass the Spent Resin Storage Tank which allows transporting to vendor supplied waste processing equipment. Group: 4 FSAR Change Request Number: 92-657.28

FSAR Page (as amended)	Description
	Related SER Section: 11.2 SER/SSER Impact: No
11.2-13	Description: (Revision) Adds a statement to Section 11.2.2.2, subsection 5 that the Steam Generator Blowdown System (SGBS) resin handling is physically separated from primary system resin. Justification: Plant modification implementation resulted in a physical separation of the two piping systems. Group: 3 FSAR Change Request Number: 92-657.29 Related SER Section: 11.2 SER/SSER Impact: No
11.2-13	Description: (Revision) Changes the requirement to treat powdered resin as radioactive waste, due to primary secondary leakage as specified in the Radiological Effluent Control Program. (Section 11.2.2.2, subsection 5) Justification: This change more accurately references plant licensing documents that contain specific requirements for powdered resin disposal. Group: 3 FSAR Change Request Number: 92-657.30 Related SER Section: 11.2 SER/SSER Impact: No
11.2-13, 14	Description: (Clarification) Changes Section 11.2.2.3 subsection 2 to specify that the Turbine Building sumps should be diverted when radioactivity is present as a result of a primary to secondary leak; and deletes the word automatically in from the same statement. Justification: This change reflects compliance with other licensing documents. Licensing docuements allow for manual diversion for periods when the reference monitor is inoperable. Group: 4 FSAR Change Request Number: 92-657.31 Related SER Section: 11.2 SER/SSER Impact: No
11.2-14	Description: (Clarification) Changes the last paragraph of Section 11.2.2.3 to indicate that samples will be analyzed for radioactivity and "if required" treated for conventional pollutants. Justification: Statement clarifies the waste stream will be analyzed for radioactivity and also that waste stream may not

FSAR Page (as amended)	Description
	require treatment if sample results indicate no treatment is required. Group: 4 FSAR Change Request Number: 92-657.32 Related SER Section: 11.2 SER/SSER Impact: No
11.2-15	Description: (Addition) Adds to Section 11.2.2.4.2, subsection 1.b the statement "...or Filter Demineralizer System...". Justification: Plant modification implementation provided a flow path from the Waste Evaporator Feed Pump to the FDS. Group: 4 FSAR Change Request Number: 92-657.33 Related SER Section: 11.2 SER/SSER Impact: No
11.2-16	Description: (Addition) Adds to Section 11.2.2.4.2, subsection 1.d the statement "...and the Filter Demineralizer System...". Justification: Plant modification implementation provided a flow path from the Floor Drain Tank pumps to the FDS. Group: 4 FSAR Change Request Number: 92-657.34 Related SER Section: 11.2 SER/SSER Impact: No
11.2-16, 17	Description: (Revision) Changes Section 11.2.2.4.2, subsections 1.f and 1.g to reflect that the Reverse Osmosis System has been abandoned in place. Justification: The Reverse Osmosis System was removed from service and abandoned in place. Group: 3 FSAR Change Request Number: 92-657.35 Related SER Section: 11.2 SER/SSER Impact: No
11.2-17	Description: (Clarification) Changes the description of the Laundry Holdup and Monitor Tank pumps in Section 11.2.2.4.2, subsection 1.h. Justification: This description was reworded to correct grammar and clarify the description. Group: 4 FSAR Change Request Number: 92-657.36 Related SER Section: 11.2 SER/SSER Impact: No

FSAR Page (as amended)	Description
11.2-17	Description: (Clarification) Adds recirculation ability and changed liquid transfer path to the Waste Condition Tank in Section 11.2.2.4.2, subsection 1.i. Justification: Current operating practice and design changes allow only pumping for recirculation and path to the Waste Condition Tank. Group: 4 FSAR Change Request Number: 92-657.37 Related SER Section: 11.2 SER/SSER Impact: No
11.2-19	Description: (Revision) Changes Section 11.2.2.4.2, subsection 2.e to include Filter Demineralizer Skid effluents to the Waste Monitor Tanks; deletes recycling to the secondary system; and deletes the reference to sufficient tankage which would allow a three week inflow. Justification: Plant modification provided an FDS effluent path to the Waste Monitor Tanks. ALARA and Chemistry requirements will not allow water to be recycled to the secondary system. Operational experience has indicated that this holdup time can vary from one day to one week; therefore, the statement was incorrect. Group: 3 FSAR Change Request Number: 92-657.38 Related SER Section: 11.2 SER/SSER Impact: No
11.2-19	Description: (Revision) Deletes the reference to laundry drains from Section 11.2.2.4.2, subsection 2.f. Justification: The laundry system was removed; therefore, it does not provide input to the atmospheric tank. Group: 3 FSAR Change Request Number: 92-657.39 Related SER Section: 11.2 SER/SSER Impact: No
11.2-20	Description: (Revision) Change Section 11.2.2.4.2, subsection 2.h and 2.i to state that the tanks have been abandoned in place. Justification: The Reverse Osmosis System has been abandoned in place. Group: 3 FSAR Change Request Number: 92-657.41 Related SER Section: 11.2 SER/SSER Impact: No

FSAR Page (as amended)	Description
11.2-20	Description: (Correction) Deletes the paragraph in Section 11.2.2.4.2, subsection 2.g which refers to tankage large enough to allow for a week inflow. Justification: Operational experience has indicated that this holdup time can vary from one day to one week; therefore, the statement is incorrect. Group: 3 FSAR Change Request Number: 92-657.40 Related SER Section: 11.2 SER/SSER Impact: No
11.2-21	Description: (Clarification) Replaces the word "tritiated" with "and radioactive" in Section 11.2.2.4.2, subsection 2.k; and deletes the balance of the description, " ..since no more than 1000 gal/year...". Justification: Laboratory wastes are not only tritiated, but also contain other radionuclides. Operating experience has indicated that input flow into the tank varies from 100 to 1000 gallons per week; therefore, the statement is incorrect. Group: 4 FSAR Change Request Number: 92-657.42 Related SER Section: 11.2 SER/SSER Impact: No
11.2-22	Description: (Clarification) Deletes wording "hydrogen-hydroxyl-form nuclear grade" from Section 11.2.2.4.2, subsection 3; and deletes "mixed bed" from subsection 3.a and 3.b. Justification: Varied contaminants in waste streams may dictate use of other than hydrogen-hydroxyl-form resin to effectively clean up waste stream. Group: 4 FSAR Change Request Number: 92-657.43 Related SER Section: 11.2 SER/SSER Impact: No
11.2-22	Description: (Revision) Deletes reference to recycling back to the plant secondary cycle from Section 11.2.2.4.2, subsection 3.b. Justification: Due to Chemistry and ALARA requirements, processed water will not be recycled back to the secondary system. Group: 3 FSAR Change Request Number: 92-657.44

FSAR Page (as amended)	Description
	Related SER Section: 11.2 SER/SSER Impact: No
11.2-23	Description: (Revision) Deletes three sentences of the description of filter element changeout operation from Section 11.2.2.4.2, subsection 4; and changes the statement "...rather than high radiation levels" to read as "...or high radiation levels". Justification: The first change removes unncessary detail from the description of the filter element changeout. Current Radiation Protection philosophy requires that the radiation level described also be a changeout criteria. Group: 3 FSAR Change Request Number: 92-657.45 Related SER Section: 11.2 SER/SSER Impact: No
11.2-24	Description: (Revision) Deletes the last sentence of Section 11.2.2.4.2, subsection 5.b. Justification: Removes unnecessary details in the description of Laundry and Hot Shower strainer cleanout operation. Group: 3 FSAR Change Request Number: 92-657.46 Related SER Section: 11.2 SER/SSER Impact: No
11.2-24	Description: (Revision) Deletes reference that the Boron Recycle Evaporator is identical to the Waste and the Floor Drain Evaporator from Section 11.2.2.4.2, subsection 6. Justification: Plant modification changed control functions and added instrumentation and controls only to the Boron Recycle Evaporator. Group: 3 FSAR Change Request Number: 92-657.47 Related SER Section: 11.2 SER/SSER Impact: No
11.2-24	Description: (Revision) Deletes the phrase "under emergency conditions" from the discussion of the interchangeability of all evaporators in Section 11.2.2.4, subsection 6. Justification: Current operating philosophy has dedicated the use of the Waste and Boron Recycle Evaporators for clean up of Recycle Holdup Tank liquids. Group: 3

FSAR Page (as amended)	Description
	FSAR Change Request Number: 92-657.48 Related SER Section: 11.2 SER/SSER Impact: No
11.2-25	Description: (Revision) Deletes the last sentence from Section 11.2.2.4, subsection 6. Justification: Current operating philosophy allows fluctuation of processing rates which subsequently change the CCW load factor for the evaporators. Group: 3 FSAR Change Request Number: 92-657.49 Related SER Section: 11.2 SER/SSER Impact: No
11.2-25	Description: (Revision) Deletes the first paragraph in Section 11.2.2.4.2, subsection 8; and changes the last sentence to indicate that the Reverse Osmosis System is abandoned in place. Justification: The Reverse Osmosis System has been abandoned in place; therefore, the description is no longer applicable. Group: 3 FSAR Change Request Number: 92-657.50 Related SER Section: 11.2 SER/SSER Impact: No
11.2-26, 27	Description: (Addition) Adds to Section 11.2.2.4.2, new subsection 10 which provides a system description for the Filter Demineralization System (FDS). Justification: Plant modification allowed the installation of the Filter Demineralization System. Group: 3 FSAR Change Request Number: 92-657.51 Related SER Section: 11.2 SER/SSER Impact: Yes The SER/SSER does not contain a discussion or evaluation of the Filter Demineralization System (FDS).
11.2-28	Description: (Revision) Changes the word "scintillation" to "radiation detectors" in Section 11.2.2.5.1. Justification: Instrumentation to measure radioactivity in releases is not restricted to the use of scintillation detectors. Group: 3 FSAR Change Request Number: 92-657.52 Related SER Section: 11.2 SER/SSER Impact: No

FSAR Page (as amended)	Description
11.2-30	Description: (Revision) Changes Section 11.2.2.6, subsection 2 to reflect that RCDT venting is automatic to the Waste Gas Processing System; and deletes the description of the hydogen bottle changeout. Justification: This change reflects actual operating conditions which vents to the Waste Gas Processing System and that a bank of bottles are available to supply hydrogen to the tank. Group: 3 FSAR Change Request Number: 92-657.53 Related SER Section: 11.2 SER/SSER Impact: No
11.2-30	Description: (Revision) Replaces the phrase "an evaporator startup" with "waste processing" in Section 11.2.2.6, subsection 3. Justification: The statement indicated that only the evaporator is used as the cleanup method; however, other methods such as Filter Demineralization may be used. Group: 3 FSAR Change Request Number: 92-657.54 Related SER Section: 11.2 SER/SSER Impact: No
11.2-30	Description: (Clarification) Deletes the statement that provides an example for surge capacity of the Waste Holdup Tank from Section 11.2.2.6, subsection 3. Justification: The example given does not provide any input to the tank surge capacity validity. Group: 4 FSAR Change Request Number: 92-657.55 Related SER Section: 11.2 SER/SSER Impact: No
11.2-30	Description: (Revision) Revises Section 11.2.2.6, subsection 3 to change the description of Waste Evaporator distillate flow paths that include bypassing the demineralizer and that the liquid may be sent also to the Waste Monitor Tanks and Laundry Holdup Monitor Tanks. Justification: System design allows flexibility to discharge effluent to all monitor tanks. During periods of excessive input, all tanks are utilized. Group: 3 FSAR Change Request Number: 92-657.56

FSAR Page (as amended)	Description
	Related SER Section: 11.2 SER/SSER Impact: No
11.2-30	Description: (Revision) Deletes the statement referring to re-evaporation using the Boron Recycle Evaporator from Section 11.2.2.6, subsection 3. Justification: Current operating philosophy is such that if bottoms are not suitable for recycling they would be diluted and processed through the FDS and then discharged or sent to the Waste Condition Tank for subsequent solidification. Group: 3 FSAR Change Request Number: 92-657.57 Related SER Section: 11.2 SER/SSER Impact: No
11.2-30	Description: (Revision) Changes the concentration of bottoms from 12 percent to 4 to 5 percent in Section 11.2.2.6, subsection 3. Justification: Design limitations, primarily heat tracing capability, does not allow concentrating to 12 percent. Group: 3 FSAR Change Request Number: 92-657.58 Related SER Section: 11.2 SER/SSER Impact: No
11.2-30	Description: (Revision) Deletes the discussion of when evaporator bottoms can be recycled from Section 11.2.2.6, subsection 3. Justification: Normal operational mode is to recycle all evaporator bottoms. Group: 3 FSAR Change Request Number: 92-657.59 Related SER Section: 11.2 SER/SSER Impact: No
11.2-30	Description: (Revision) Adds a statement to the end of Section 11.2.2.6, subsection 3 which states that the Waste Holdup Tank can be processed through the FDS with effluent directed to discharge monitor tanks. Justification: Plant modification provided a flow path to process the Waste Holdup Tank through the FDS. Group: 3 FSAR Change Request Number: 92-657.60 Related SER Section: 11.2 SER/SSER Impact: No

FSAR Page (as amended)	Description
11.2-31	Description: (Revision) Revises the description of the processing of Drain Channel "B" waste to include use of the Filter Demineralizer System and to use the FDT #3 as a batch tank for processing. Justification: Plant modification allows the FDS processing capability; and operating philosophy currently uses FDT #3 as a batch tank. Group: 3 FSAR Change Request Number: 92-657.61 Related SER Section: 11.2 SER/SSER Impact: No
11.2-31	Description: (Revision) Revises the description of Drain Channel "B" effluent flow paths in Section 11.2.2.6, subsection 4 to state that Drain Channel "B" effluents will primarily be discharged into the Circulating Water Tunnel. Justification: Due to current chemistry and ALARA requirements, processed water will not be recycled back to the secondary system. In addition, the radiation monitor has been abandoned in place and is deleted from the description. Group: 3 FSAR Change Request Number: 92-657.62 Related SER Section: 11.2 SER/SSER Impact: No
11.2-32	Description: (Revision) Deletes references to the totalizer and valve RV-5252 from the last paragraph of the Section 11.2.2.6, subsection 4. Justification: System design does not include a totalizer and valve RV-5252 and associated radiation monitor have been abandoned in place. Group: 3 FSAR Change Request Number: 92-657.63 Related SER Section: 11.2 SER/SSER Impact: No
11.2-32	Description: (Revision) Changes Section 11.2.2.6, subsection 4, discussion of Drain Channel "B" interconnection with Drain Channel "C", to delete discussion of the Reverse Osmosis System and discusses the flow path from the Laundry Hot Shower Tank Filter to the Waste Monitor Tanks. Justification: The Reverse Osmosis System has been abandoned in place but the flow path from the Laundry Hot Shower Tank to

FSAR Page (as amended)	Description
	the Waste Monitor Tanks is available. Group: 3 FSAR Change Request Number: 92-657.64 Related SER Section: 11.2 SER/SSER Impact: No
11.2-32	Description: (Revision) Changes the last paragraph of Section 11.2.2.6, subsection 4 to state that all floor drain tanks are connected to the Waste Condition Tank for processing and subsequent disposal. Justification: This change reflects actual operating capability. Group: 3 FSAR Change Request Number: 92-657.65 Related SER Section: 11.2 SER/SSER Impact: No
11.2-33	Description: (Clarification) Revised Section 11.2.2.6, subsection 6.b to remove details of pump operation and highlight resin sluicing operation. Justification: Removes unnecessary details of operation and provide a description of resin sluicing operation. Group: 4 FSAR Change Request Number: 92-657.66 Related SER Section: 11.2 SER/SSER Impact: No
11.2-34	Description: (Revision) Revised Section 11.2.2.6, subsection 7.a to change the description of bypassing Drain Channel "A" subsystem by including the processing of the Waste Holdup Tank utilizing the Filter Demineralizer. Justification: Plant modification provided flow paths that will allow bypassing the Waste Evaporator and demineralizers in order to process through the Filter Demineralizer System Group: 3 FSAR Change Request Number: 92-657.67 Related SER Section: 11.2 SER/SSER Impact: No
11.2-34	Description: (Revision) Revised Section 11.2.2.6, subsection 7.b to change the description of bypassing Drain Channel "B" sybsystem by including the processing of the Floor Drain Tanks utilizing the Filter Demineralizer System. Justification: Plant modification provided flow paths that allow

FSAR Page (as amended)	Description
	bypassing the Floor Drain Evaporator and demineralizers in order to process through the Filter Demineralizer System. Group: 3 FSAR Change Request Number: 92-657.68 Related SER Section: 11.2 SER/SSER Impact: No
11.2-35	Description: (Revision) Revised Section 11.2.2.7, subsection 2, discussion of a one gallon leak into the Waste Holdup Tank, to reflect the increase load on the Filter Demineralizer System. Justification: Plant modification allows processing the Waste Holdup Tank through the Filter Demineralizer System; the load will subsequently increase on the Filter Demineralizer System. Group: 3 FSAR Change Request Number: 92-657.69 Related SER Section: 11.2 SER/SSER Impact: No
11.2-36	Description: (Correction) Delete reference to Westinghouse Survey on liquid discharges. Justification: This is a trivial change as the information provided was not relevant; liquid discharges depend on site specific plant operations. Group: 4 FSAR Change Request Number: 92-669.1 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
11.2-36	Description: (Correction) Revise expected volumes and collection times of liquid waste. Justification: Values are based on 1991 plant operating data. Group: 2 FSAR Change Request Number: 92-669.2 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
11.2-36	Description: (Correction) Revise expected releases, process parameters and tank inventories. Justification: Effluent releases have been revised based on the revised source terms in the GALE computer program (NUREG-0017) revised calculations and revised plant operating parameters.

FSAR Page (as amended)	Description
	Group: 2 FSAR Change Request Number: 92-665.7 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
11.2-37	Description: (Clarification) Revise flow diagram reference. Justification: The LWPS flow diagrams are shown in several figures in section 11.2. Group: 4 FSAR Change Request Number: 92-669.3 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
Table 11.2-1	Description: (Correction) Revise expected volumes and collection times of liquid waste. Justification: Values are based on 1991 plant operating data. Group: 2 FSAR Change Request Number: 92-669.6 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
Table 11.2-2	See Sheet No(s):1 thru 10 Description: (Correction) Revise expected releases, process parameters, and tank inventories. Justification: Effluent releases have been revised based on revised source terms in the GALE computer program(NUREG-0017) revised calculations and revised plant operating parameters. Group: 2 FSAR Change Request Number: 92-669.8 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
Table 11.2-2	See Sheet No(s):1 thru 10 Description: (Correction) Delete reactor coolant drain tank (RCDT), Waste evapora tors condensate tank, floor drain tanks I and II, chemical drain tank, laundry and hot shower tank, laundry holdup and monitor tanks, spent resin storage tnk,RD concentrates tnk and laundry H2O hd.tnk.inventry. Justification: RCDT enveloped by the recycle holdup tank activities; the WECT enveloped by the waste monitor tank; the FDT I &II enveloped by FDT III activities, CDT by waste holdup activities ETC. Group: 2

FSAR Page (as amended)	Description
	FSAR Change Request Number: 92-669.11 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
Table 11.2-6	Description: (Correction) Revise expected releases, process parameters, and tank inventories. Justification: Effluent releases have been revised based on revised source terms in the GALE computer program(NUREG-0017) revised calculations and revised plant operating parameters. Group: 2 FSAR Change Request Number: 92-669.9 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
Table 11.2-7	Description: (Correction) Deletes references to Westinghouse Survey on liquid discharges. Justification: This is a trivial change as the information provided was not relevant; liquid discharge depends on site specific plant operations. Group: 4 FSAR Change Request Number: 92-669.2 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
Table 11.2-8	See Sheet No(s):1,2,3 Description: (Correction) Delete reactor coolant drain tank (RCDT), Waste evaporators condensate tank, floor drain tanks I and II, chemical drain tank, laundry and hot shower tank, laundry holdup and monitor tanks, spent resin storage tnk,RD concentrates tnk and laundry H2O hd.tnk.invntry. Justification: RCDT enveloped by the recycle holdup tank activities; the WECT enveloped by the waste monitor tank; the FDT I &II enveloped by FDT III activities, CDT by waste holdup activities ETC. Group: 2 FSAR Change Request Number: 92-669.12 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
Table 11.2-8	See Sheet No(s):1,2,3 Description: (Correction) Revise tank inventories and release concentrations. Justification: Design values are revised based on plant operating parameters assuming design basis primary coolant

FSAR Page (as amended)	Description
	concentrations (DMB-ME-025). Group: 2 FSAR Change Request Number: 92-669.13 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
Table 11.2-9	See Sheet No(s):1,2,3 Description: (Correction) Revise expected release concentrations. Justification: Effluent releases have been revised based on revised source terms in the GALE computer program (NUREG-0017) revised calculations and on revised plant operating parameters. Group: 2 FSAR Change Request Number: 92-669.10 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
Table 11.2-10	See Sheet No(s):1,2 Description: (Correction) Revise design release concentrations. Justification: Design values are revised based on plant operating parameters assuming design basis primary coolant concentrations (DBD-ME-025). Group: 2 FSAR Change Request Number: 92-669.14 Related SER Section: 11.2; SSER22 11.2 SER/SSER Impact: No
11.3-3	Description: (Revision) Changes normal venting of all evaporators to the Auxiliary Building vent rather than the Gaseous Waste Processing System (GWPS). Justification: Design/operational problems prevent venting of the waste and recycle evaporators to the GWPS during most system operation. Group: 3 FSAR Change Request Number: 92-658.1 Related SER Section: 11.2.2 SER/SSER Impact: No
11.3-3, 13	Description: (Revision) Revises discussion of the Waste Gas Decay tanks to indicate that gaseous waste will be contained as long as practical (rather than indefinitely) which may result in infrequent discharges to the environment (where it previously implied no discharges). Justification: Although the tanks were designed to contain gas waste

FSAR Page (as amended)	Description
	for the life of the plant, industry experience has found that there may be conditions when venting of the tanks may become necessary. For example, during tank maintenance, venting of residual pressure (usually less than 2 psi) is required prior to tank entry. Also, during operation ofthe gaseous waste system, especially during plant startups and shutdowns, the potential exists for inadvertent inleakage of oxygen or nitrogen. This can lead to an eventual over accumulation of gas which may necessitate venting (albiet very infrequently). Should venting to the environment be required, as discussed in FSAR Section 11.3.3.1, it would only be permitted under controlled conditions subject to the limitations of 10CFR20, 10CFR50 Appendix I and ALARA. Group: 2 FSAR Change Request Number: 92-658.1 Related SER Section: 11.2.2 SER/SSER Impact: Yes SER indicates the gases a stored for reuse but does not address releases.
11.3-6	Description: (Revision) Changes flow path of the Gas Decay Tank drain pump from the Volume Control Tank (VCT) to Waste Holdup Tank Justification: The water from Gas Decay Tank may be contaminated with iron and other minerals. Chemistry limitations prevent direct discharge to the VCT. Group: 3 FSAR Change Request Number: 92-658.1 Related SER Section: 11.2.2 SER/SSER Impact: No
11.3-9	Description: (Revision) Deletes reference to continuous hydrogen addition and gas venting of the VCT. Justification: Due to ALARA concerns, gas analyzer reliability and required analyzer surveillances, venting of the VCT is no longer continuous but performed regularly as needed (approximately 12 hours per week). Group: 3 FSAR Change Request Number: 92-658.1 Related SER Section: 11.2.2 SER/SSER Impact: No
11.3-10	Description: (Revision) Deletes specific switching time for the Gas Decay Tanks and replaces it with switched at "regular" intervals. Justification:

FSAR Page (as amended)	Description
	New calculations have revised the switching intervals., It is not necessary to include the specific interval in the FSAR. Group: 3 FSAR Change Request Number: 92-658.1 Related SER Section: 11.2.2 SER/SSER Impact: No
11.3-11	Description: (Clarification) Replaces the word "is" with "should be". Justification: This clarifies that some gain or loss of gas in the shutdown tank due to plant or operational conditions is possible. Gas may fluctuate between the shutdown and startup tanks. Group: 4 FSAR Change Request Number: 92-658.1 Related SER Section: 11.2.2 SER/SSER Impact: No
Table 11.3-3	Description: (Revision) Revises the isotopic content and activity of the design basis accumulated radioactivity of the Gaseous Waste Processing System. Justification: This reflects a revised calculation of gaseous wastes. Group: 3 FSAR Change Request Number: 92-658.1 Related SER Section: 11.2.2 SER/SSER Impact: No
11.4-1	Description: (Revision) Deletes description of "reverse osmosis wastes". Justification: The reverse osmosis unit is no longer used and is abandoned in place. Group: 3 FSAR Change Request Number: 92-594.1 Related SER Section: 11.2 SER/SSER Impact: Yes The SER references reverse osmosis waste.
11.4-2	Description: (Clarification) Changes the words "which ever is appropriate" to "in accordance with CPSES Process Control Program". Justification: Clarifies that the PCP establishes requirements for dewatering or solidifying wastes. Group: 4 FSAR Change Request Number: 92-594.2 Related SER Section: 11.2 SER/SSER Impact: No

FSAR Page (as amended)	Description
11.4-1	Description: (Revision) Changes the words "spent resin transfer system " to "NSSS spent resin transfer system and steam generator blowdown spent resin transfer system". Justification: The resin transfer header has been modified to split NSSS and steam generator blowdown resins. Group: 3 FSAR Change Request Number: 92-594.3 Related SER Section: 11.2 SER/SSER Impact: No
11.4-1	Description: (Clarification) Inserts the words "which may be used" in the description of the waste baler. Justification: Clarifies that the baler is available but not necessarily always used. Group: 4 FSAR Change Request Number: 92-594.4 Related SER Section: 11.2 SER/SSER Impact: Yes The SER indicates that dry waste is compacted by the waste baler.
11.4-2	Description: (Revision) Changes the words "disposable container" to "suitable container" and "compressed into drums" to "compressed into containers suitable for disposal". Justification: Incompressible waste need not be placed in disposable containers if it is shipped to an offsite processor. Drums are not the only suitable disposal container. Group: 3 FSAR Change Request Number: 92-594.5 Related SER Section: 11.2 SER/SSER Impact: Yes The SER indicates that dry waste is compacted in 55 gallon drums.
11.4-3	Description: (Editorial) Removes the detailed discussion of the use of the filter transfer cask. Justification: The discussion is too detailed and not necessary for inclusion in the FSAR. Group: 4 FSAR Change Request Number: 92-594.6 Related SER Section: 11.2 SER/SSER Impact: No

FSAR Page (as amended)	Description
11.4-3	Description: (Revision) Revises the discussion of alternate methods for filter removal. Justification: The filter transfer cask is used for high dose rate filters. When dose rates permit, other quicker methods may be used to handle filters. Group: 3 FSAR Change Request Number: 92-594.7 Related SER Section: 11.2 SER/SSER Impact: No
11.4-4	Description: (Revision) Revises the description of the baling subsystem to indicate that waste may be compacted using the Fuel Building baler or may be shipped offsite for processing. Unnecessary detail regarding baler operation is removed. Justification: Change clarifies current practices for processing compactible wastes. Group: 3 FSAR Change Request Number: 92-594.8 Related SER Section: 11.2 SER/SSER Impact: No
11.4-5	Description: (Revision) Adds words indicating that waste is not compacted in containment and that the containment compactor is abandoned in place. Justification: Change reflects current practice for processing compactible waste. Group: 3 FSAR Change Request Number: 92-594.9 Related SER Section: 11.2 SER/SSER Impact: No
11.4-5	Description: (Revision) Revises description of containers used for packaging radioactive wastes. Justification: Reflects current practice. Containers used for packaging waste sent to an offsite processor need not meet burial site requirements. Group: 3 FSAR Change Request Number: 92-594.10 Related SER Section: 11.2

FSAR Page (as amended)	Description
	SER/SSER Impact: Yes The SER discussion does not reflect an offsite processor.
11.4-5, 6	Description: (Revision) Revises the words "shipping shields" to "storage shields". Justification: The shielding casks currently used at CPSES are only used for handling and for temporay storage of waste. They are not suitable for shipping. Group: 3 FSAR Change Request Number: 92-594.11 Related SER Section: 11.2 SER/SSER Impact: No
11.4-6	Description: (Editorial) Removes details regarding the filter transfer cask and flatbed cart. Justification: This level of detail is considered unnecessary. Group: 4 FSAR Change Request Number: 92-594.12 Related SER Section: 11.2 SER/SSER Impact: No
11.4-7	Description: (Revision) Deletes statement that compaction of waste is performed after an amount of waste sufficient to fill a drum has been accumulated. Justification: This change is necessary to reflect current radwaste handling practices Group: 3 FSAR Change Request Number: 92-594.13 Related SER Section: 11.2 SER/SSER Impact: No
11.4-7	Description: (Revision) Revises statement regarding waste processing vendors' documentation of compliance with 10CFR61 stability requirements. Justification: Not all testing for 10CFR61 stability requirements is documented in topical reports. It is acceptable to use processing methods provided that the vendor has appropriate documentation. Group: 3 FSAR Change Request Number: 92-594.14 Related SER Section: 11.2 SER/SSER Impact: No

FSAR Page (as amended)	Description
11.4-7	Description: (Addition) Adds discussion of the purpose of the CPSES Process Control Program (PCP). Justification: Provides more detailed information related the NRC question 0321.8. Group: 3 FSAR Change Request Number: 92-594.22 Related SER Section: 11.2 SER/SSER Impact: No
11.4-8	Description: (Clarification) Revises discussion of requirements associated with packaging of radwaste. Justification: There are more requirements applicable to packaging radwaste than 49CFR173. It is not practical to list all the specific details of each applicable requirement. Group: 4 FSAR Change Request Number: 92-594.15 Related SER Section: 11.2 SER/SSER Impact: No
11.4-8	Description: (Editorial) Revises description of the storage capability to indicate storage "equivalent" to 144 55 gallon drums. Justification: It was not the intent of the original statement to indicate the exact type of waste container but to describe the available capacity. Group: 4 FSAR Change Request Number: 92-594.16 Related SER Section: 11.2 SER/SSER Impact: No
11.4-9	Description: (Revision) Revises discussion of temporary storage (pending shipment) of radwaste outside the fuel building. Justification: The change reflects current practice based on the creation of the materials handling and staging area in a previous plant modification. Group: 3 FSAR Change Request Number: 92-594.17 Related SER Section: 11.2 SER/SSER Impact: No

FSAR Page (as amended)	Description
11.4-10	Description: (Revision) Revises discussion of radwaste shipment requirements to delete reference to the Environmental Survey of Transportation of Rad. Materials to and From Nuclear Power Plants, and the Draft ENV. Statement Concerning Proposed Rulemaking Action. Justification: The above requirements are no longer current. Group: 3 FSAR Change Request Number: 92-594.18 Related SER Section: 11.2 SER/SSER Impact: No
Table 11.4-1	Description: (Clarification) Adds information clarifying the basis for radwaste projections. Justification: Anticipated volumes are based on industry averages and may not reflect actual volumes generated. Group: 4 FSAR Change Request Number: 92-594.20 Related SER Section: 11.2 SER/SSER Impact: No
Figure 11.4-2	Description: (Revision) Revises figure to reflect that the containment balers are abandoned in place, and that waste may be shipped to an offsite vendor for processing rather than compacted and shipped for burial. Justification: This change reflects current CPSES practices. Group: 3 FSAR Change Request Number: 92-594.21 Related SER Section: 11.2 SER/SSER Impact: No
11.5-1	Description: (Editorial) Change the word "ensures" to "aids in ensuring". Justification: The change provides a more accurate statement of the general design bases and achievable function of the system. Group: 4 FSAR Change Request Number: 92-588.1 Related SER Section: 11.3 SER/SSER Impact: No
11.5-3	Description: (Clarification) Change the words "Turbine Building drain" to "Turbine Building sump". Justification: Clarifies the description of the subject effluent

FSAR Page (as amended)	Description
	monitors. Group: 4 FSAR Change Request Number: 92-588.2 Related SER Section: 11.3 SER/SSER Impact: No
11.5-4	Description: (Editorial) Change the words "backup monitors" to "process monitors" and delete general reference to diversity of monitor type used. Justification: Wording more accurately identifies the monitors being described. Deleted general reference to diversity of monitor type as unnecessary/redundant; specific descriptions of monitor locations, type, etc. are are provided in FSAR Table 11.5-1. Group: 4 FSAR Change Request Number: 92-588.3 Related SER Section: 11.3 SER/SSER Impact: No
11.5-5	Description: (Clarification) Change the words "Turbine Building drain" to "Turbine Building sump" and "Low Volume Waste Treatment Facilities" to "Low Volume Waste Pond". Justification: Clarifies the description of the effluent stream being discussed and where it is released to. Group: 4 FSAR Change Request Number: 92-588.4 Related SER Section: 11.3 SER/SSER Impact: No
11.5-5	Description: (Revision) Revise item 3 of the Process Radiation Monitor System design criteria which describes how detected radiation levels of monitored process and effluent streams may be accessed by operations personnel. Justification: Change description to more accurately reflect actual system capabilities. Group: 3 FSAR Change Request Number: 92-588.5 Related SER Section: 11.3 SER/SSER Impact: No
11.5-6	Description: (Revision) Revise item 10 of the Process Radiation Monitor System design criteria which describes monitor placement with respect to radiation detection. Justification: Change adds additional consideration for best locating

FSAR Page (as amended)	Description
	these monitors in the plant, e.g., detection sensitivity considerations. Group: 3 FSAR Change Request Number: 92-588.6 Related SER Section: 11.3 SER/SSER Impact: No
11.5-7	Description: (Clarification) Change the words "regulated by necessary" to "based on" Justification: More accurately describes the use of the subject on-line monitors. Group: 4 FSAR Change Request Number: 92-588.7 Related SER Section: 11.3 SER/SSER Impact: No
11.5-10	Description: (Revision) Delete item 2, report processor computer and related periphals, and item 3, report processor terminals from the system component list of the Radiation Monitoring System (RMS). Renumber the remaining list items 1-5. Justification: The report processor computer (RM-21) was removed and upgraded under plant Design Modification DM-90-221. The RM-21 report process computer and data link to the RMS were obsolete and not used in the function of of the RMS. Appropriate function and description of the replacement report computer as used for the MET System are discussed in FSAR Section 2.3.3.2. Group: 3 FSAR Change Request Number: 92-588.8 Related SER Section: 11.3 SER/SSER Impact: No
11.5-10	Description: (Editorial) Change the word "information" to "data are" in the discussion of what is returned to the RM-11 consoles. Justification: Better description of what is transmitted to the RM-11 consoles. Group: 4 FSAR Change Request Number: 92-588.9 Related SER Section: 11.3 SER/SSER Impact: No
11.5-13	Description: (Clarification) Change the words "averages are stored" to " averages continue to be updated and stored" and "loss of those averages" to "loss of hourly averages" in the discussion of data stored at local individual monitors. Justification:

FSAR Page (as amended)	Description
	Clarifies the system description and capabilities. Group: 4 FSAR Change Request Number: 92-588.10 Related SER Section: 11.3 SER/SSER Impact: No
11.5-13	Description: (Editorial) Remove the detailed discussion of hardware related to the microprocessor at radiation monitor assemblies Justification: The discussion is too detailed and not necessary for inclusion in the FSAR. Group: 4 FSAR Change Request Number: 92-588.11 Related SER Section: 11.3 SER/SSER Impact: No
11.5-13	Description: (Clarification) Delete the word "initial" in the discussion of parameters that control each monitor channel. Justification: Provides a more accurate statement of what is provided in the microprocessor database. Group: 4 FSAR Change Request Number: 92-588.12 Related SER Section: 11.3 SER/SSER Impact: No
11.5-15	Description: (Revision) Delete the words "and report computer" from the decription of the control room consoles. Justification: The report processor computer (RM-21) was removed and upgraded under a plant Design Modification. The RM-21 report processor computer and data link to the RMS were obsolete and not used in the function of the RMS. Appropriate function and description of the new replacement report computer as used for the MET System are discussed in FSAR Section 2.3.3.2. Group: 3 FSAR Change Request Number: 92-588.13 Related SER Section: 11.3 SER/SSER Impact: No
11.5-15	Description: (Editorial) Remove the unnecessary detailed description of hardware related to the RMS Control Room consoles, e.g, computer model number. Justification: The description is too detailed and not necessary for inclusion in the FSAR. Group: 4

FSAR Page (as amended)	Description
	FSAR Change Request Number: 92-588.14 Related SER Section: 11.3 SER/SSER Impact: No
11.5-16	Description: (Revision) Remove reference to the report computer and unnecessary details regarding communications between the consoles and the monitors. Justification: The report processor computer (RM-21) was removed under plant Design Modification DM-90-221; details regarding communications between the consoles and the monitors are not necessary for inclusion in the FSAR. FSAR. Group: 3 FSAR Change Request Number: 92-588.15 Related SER Section: 11.3 SER/SSER Impact: No
11.5-16, 17	See Page No(s):18 Description: (Clarification) Change "microcomputer" to "minicomputer". Justification: Clarifies description of the subject computers. Group: 4 FSAR Change Request Number: 92-588.60 Related SER Section: 11.3 SER/SSER Impact: No
11.5-17	Description: (Revision) Delete the description of the report processing computer as related to the Radiation Monitoring System (old Section 11.5.2.5.4). Justification: The report processing computer and data link to the RMS were obsolete and not used in the function of the RMS. The report processing computer was removed under plant Design Modification DM-90-221. Appropriate function and description of the new replacement report computer as used for the MET System is discussed in FSAR Section 2.3.3.2. Group: 3 FSAR Change Request Number: 92-588.16 Related SER Section: 11.3 SER/SSER Impact: No
11.5-18	Description: (Revision) Change the words "technical specification limits" to "Technical Specification and Radiological Effluent Controls Program Limits" Justification: Change more accurately references plant licensing

FSAR Page (as amended)	Description
	bases documents (programs) that contain effluent release limits and requirements for effluent monitor setpoints. Group: 3 FSAR Change Request Number: 92-588.17 Related SER Section: 11.3 SER/SSER Impact: No
11.5-19	Description: (Revision) Change the discussion of logging alarm conditions at the RM-11 consoles by deleting the words "for a permanent record". Justification: This change is made to reflect actual operational practices. Alarm history printouts are available for review by operators, but are not retained as permanent records. Group: 3 FSAR Change Request Number: 92-588.18 Related SER Section: 11.3 SER/SSER Impact: No
11.5-19	Description: (Clarification) Change the words "the programmed hysteresis" to "a programmed dead band" in the discussion concerning when channels in alarm return to normal. Justification: Clarifies the measures provided to avoid repeated alarms from count rate statistical fluctuation near the alarm setpoint. Group: 4 FSAR Change Request Number: 92-588.19 Related SER Section: 11.3 SER/SSER Impact: No
11.5-21	Description: (Editorial) Remove unnecessary detailed discription of the Containment Air Monitoring System. Justification: The discussion is too detailed and not necessary for inclusion in the FSAR. Group: 4 FSAR Change Request Number: 92-588.20 Related SER Section: 11.3 SER/SSER Impact: No
11.5-22	Description: (Clarification) Change the descriptive wording of Containment monitors" and "moving filter paper" to "Containment Air monitors" and "a particulate filter", respectively. Justification: Change provides a more accurate description of the

FSAR Page (as amended)	Description
	monitors and filter involved. Group: 4 FSAR Change Request Number: 92-588.22 Related SER Section: 11.3 SER/SSER Impact: No
11.5-23	Description: (Clarification) Change descriptive wording from "to sample both during normal and accident conditions" to "one for sampling during normal conditions and one for accident conditions". Justification: Change provides better description of the function of each WRGMs two isokinetic nozzles. Group: 4 FSAR Change Request Number: 92-588.23 Related SER Section: 11.3 SER/SSER Impact: No
11.5-24	Description: (Revision) Revise the discussion of the function of the waste gas monitor. Justification: Revision necessary to state that the waste gas monitor is only used for determination of gross gasesous activity, not gas distribution among the GWPS tanks. Gas distribution is determined by grab samples. Group: 3 FSAR Change Request Number: 92-588.24 Related SER Section: 11.3 SER/SSER Impact: No
11.5-26	Description: (Revision) Change the word "Details" to "Description" and revise the description of liquid process monitors by deleting reference to "in-line" type sample monitors. Justification: A plant design modification converted "in-line" liquid monitors to "off-line"; therefore, liquid "in-line" monitors are no longer used in the Process Radiation Monitoring System. Group: 3 FSAR Change Request Number: 92-588.25 Related SER Section: 11.3 SER/SSER Impact: No
11.5-30	Description: (Clarification) Add the words "if the distillate is aligned to the RMWST" in the discussion of monitoring the boron recycle evaporator distillate. Justification: Clarifies the condition under which the channel

FSAR Page (as amended)	Description
	monitors the evaporator distillate. Group: 4 FSAR Change Request Number: 92-588.26 Related SER Section: 11.3 SER/SSER Impact: No
11.5-31	Description: (Clarification) Change the words "Turbine Building Drain Monitors" to "Turbine Building Sump Monitors" and "Low Volume Retention Pond" to "Low Volume Waste Pond". Justification: Clarifies the description of the subject effluent monitors and pond. Group: 4 FSAR Change Request Number: 92-588.27 Related SER Section: 11.3 SER/SSER Impact: No
11.5-32, 33	Description: (Revision) Change "National Bureau of Standards (NBS)" to "National Institute of Standards and Technology (NIST)" Justification: The referenced federal agency changed its offical name. Group: 3 FSAR Change Request Number: 92-588.28 Related SER Section: 11.3 SER/SSER Impact: No
11.5-33	Description: (Revision) Change the list that specifies the frequency of subsequent calibrations to include the "Radiological Effluent Controls Program". Justification: Change more accurately references plant documents (programs) which specify the frequency of subject calibrations. Group: 3 FSAR Change Request Number: 92-588.30 Related SER Section: 11.3 SER/SSER Impact: No
11.5-36	Description: (Clarification) Change wording from "sampling are determined in" to "sampling requirements are discussed in". Justification: Clarifies what is actually discussed in the referenced FSAR Sections. Group: 4 FSAR Change Request Number: 92-588.31 Related SER Section: 11.3 SER/SSER Impact: No

FSAR Page (as amended)	Description
11.5-38	Description: (Revision) Remove the words "fed to a central computer that stores the data and may be used to print". The description was changed to state that the data is used to generate the required reports. Justification: A plant design modifcation (DM-90-221) removed the referenced report processor computer. Data is now collected and manually input into a stand alone computer that generates reports. This computer is not part of the Process Radiation Monitoring System. Group: 3 FSAR Change Request Number: 92-588.32 Related SER Section: 11.3 SER/SSER Impact: No
11.5-38	Description: (Revision) Remove the words " to unrestricted areas" in the discussion of meeting the discharge limits for all potentially radioactive liquid and gaseous effluent paths. Justification: Revision made because per UDCM Radiological Effluent Controls, gaseous discharge limits are applied at the site boundary, not the unrestricted area boundary. Group: 3 FSAR Change Request Number: 92-588.33 Related SER Section: 11.3 SER/SSER Impact: No
11.5-38, 39	Description: (Revision) Revise to add reference to the Radiological Effluent Controls Program. Justification: Change more accurately references plant licensing documents (programs) that contain effluent release limits and sampling monitoring requirements. Group: 3 FSAR Change Request Number: 92-588.35 Related SER Section: 11.3 SER/SSER Impact: No
11.5-39	Description: (Clarification) Insert the words "gamma isotopic" and "for difficult to measure isotopes (i.e., alpha emitters and pure beta emitters)" to the discussion on measurements made on each batch of liquid effluents released. Justification: Change provides clarification of sampling and analysis requirements for liquid effluents. Group: 4 FSAR Change Request Number: 92-588.36

FSAR Page (as amended)	Description
	Related SER Section: 11.3 SER/SSER Impact: No
11.5-39	Description: (Revision) Revise discussion of when the Waste Water Holdup Tanks (WWHTs) are discharged to the Circulating Water Discharge by changing wording to "when activity levels exceed limits for discharge to the LVW Pond specified in the Radiological Effluent Controls Program". Justification: Change more accurately references plant licensing documents (programs) that contain effluent release limits and sampling monitoring requirements. Group: 3 FSAR Change Request Number: 92-588.37 Related SER Section: 11.3 SER/SSER Impact: No
11.5-39	Description: (Revision) Change the words "required due to the presence of radioactivity" to "required by the Radiological Effluent Controls Program" and "Low Volume Retention Pond" to "Low Volume Waste Pond". Justification: Changes reference the applicable plant licensing document (program) that contain effluent release limits and sampling monitoring requirements and clarify what pond the tanks may be discharged to, respectively. Group: 3 FSAR Change Request Number: 92-588.38 Related SER Section: 11.3 SER/SSER Impact: No
11.5-40	Description: (Clarification) Change the words "Low Volume Retention Pond" to "Low Volume Waste Pond". Justification: Clarifies the description of the subject pond. Group: 4 FSAR Change Request Number: 92-588.39 Related SER Section: 11.3 SER/SSER Impact: No
11.5-40	Description: (Revision) Delete the words "on a batch basis to the Circulating Water Discharge" in the discussion of diverting the discharge from Turbine Building Sumps to the Low Volume Waste Pond. Justification: Change made for consistency with FSAR Change Request Number 92-588.37 above which allows for WWHT releases via the Circulating Waster Discharge or the LVW Pond.

FSAR Page (as amended)	Description
	depending on activity level. Group: 3 FSAR Change Request Number: 92-588.40 Related SER Section: 11.3 SER/SSER Impact: No
11.5-40	Description: (Revision) Add the sentence "Additionally, Low Volume Waste Pond discharges to Squaw Creek Reservoir are sampled for final accountability of radioactive materials that have been released to the pond."to the discussion of continuous releases (11.5.3.2 (1); Justification: Provides additional description of sampling and analysis measures taken as required by the ODCM. Group: 3 FSAR Change Request Number: 92-588.41 Related SER Section: 11.3 SER/SSER Impact: No
11.5-40	Description: (Revision) Change the words "Low Volume Retention Pond" to "Low Volume Waste Pond" and "sampled prior to release to determine if detectable quantities of radioactity are present" to "sampled in accordance with the Radiological Effluent Control Program". Justification: Change clarifies the subject pond description and provides reference to the applicable plant licensing document (program) which contains effluent release limits and sampling monitoring requirements. Group: 3 FSAR Change Request Number: 92-588.42 Related SER Section: 11.3 SER/SSER Impact: No
11.5-40	Description: (Revision) Delete the words "on a batch basis to the Circulating Water Discharge" in the discussion of effluent release from the Waste Water Holdup Tanks (Section 11.5.3.2(2)) Justification: Change made for consistency with FSAR Change Request Number 29-588.37 above which allows for WWHT releases via the Circulating Water Discharge or the LVW Pond, depending on activity level. Group: 3 FSAR Change Request Number: 92-588.43 Related SER Section: 11.3 SER/SSER Impact: No

FSAR Page (as amended)	Description
11.5-41	Description: (Clarification) Add the words "for noble gas isotopes" to the discussion of sampling and analyzing the plant vent stacks. Justification: Provides clarification of sampling and analysis requirements for collected gaseous effluent samples. Group: 4 FSAR Change Request Number: 92-588.44 Related SER Section: 11.3 SER/SSER Impact: No
11.5-42	Description: (Revision) Remove NaI detectors from the description of equipment used for radiological analyses of process and effluent samples in the laboratory by gamma spectrometry. Justification: NaI detectors have poor resolution relative to HP(Ge) detectors and are not used for laboratory radiological analyses at CPSES. Group: 3 FSAR Change Request Number: 92-588.45 Related SER Section: 11.3 SER/SSER Impact: No
11.5-42	Description: (Revision) Delete the words "gross beta and" from the discussion of analyses of liquid effluent and process samples. Justification: Gross beta analyses are not performed on the subject liquid samples. Group: 3 FSAR Change Request Number: 92-588.46 Related SER Section: 11.3 SER/SSER Impact: No
11.5-43	Description: (Revision) Remove the words "by passing the samples through mixed bed ion exchange columns" from the discussion of purifying liquid samples for tritium analysis. Justification: Distillation is normally the only process used at CPSES for purification of liquid samples for tritium analysis. Group: 3 FSAR Change Request Number: 92-588.47 Related SER Section: 11.3 SER/SSER Impact: No

FSAR Page (as amended)	Description
Table 11.5-1	See Sheet No(s):1 Description: (Revision) Change the top end of the nominal instrument range for Stack PIG Noble Gas Channels (X-RE-5567 A & B) from 4E-2 to 1E-2. Justification: The value stated in the FSAR is in error. The correct value is published in Design Basis Document DBD-EE-023, Rev. 3 as 1E-2 Group: 3 FSAR Change Request Number: 92-588.48 Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-1	See Sheet No(s):2,3,4 Description: (Clarification) Add "in-line" for Channel X-RE-5702 and "off-line" for Channels 1/2-RE-5566, X-RE-5895 A & B and X-RE-5896 A & B. Justification: Change made for clarification with the descriptive information provided for other DRMS channels in Table 11.5-1. This information had been omitted from the FSAR. Group: 4 FSAR Change Request Number: 92-588.49 Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-1	See Sheet No(s):3 Description: (Revision) Changed alarm setpoint basis for the Containment Air noble gas channels (1/2-RE-5503) from "Note 7" (RCS leak detection) to "Note 2" (Effluent requirements). Justification: High alarm setpoints for 1/2-RE-5503 are based on effluent release limits for containment purges and vents. The setpoint is not used for RCA leak detection. Group: 3 FSAR Change Request Number: 92-588.50 Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-1	See Sheet No(s):5 Description: (Clarification) In Table NOTES 5 and 7, change the words "based on verification of containment integrity" to "based on indication of containment integrity" and "based upon leakage detection" to "based upon RCS pressure boundary leakage detection", respectively. Justification: Changes clarify the note entries.

FSAR Page (as amended)	Description
	Group: 4 FSAR Change Request Number: 92-588.63 Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-3	See Sheet No(s):2 Description: (Revision) Remove the table entry for channels X-RE-5251 and X-RE-5252, liquid waste process monitor. Justification: Waste water is not reprocessed. These monitors were abandoned in place per plant design modification. Group: 3 FSAR Change Request Number: 92-588.51 Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-4	See Sheet No(s):1 Description: (Clarification) Add the word "reprocess" to the decription of the sample process for the Recycle evaporator concentrates. Justification: Change made to clarify the possible dispositions of recycle evaporator concentrates. Group: 4 FSAR Change Request Number: 92-588.52 Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-4	See Sheet No(s):2 Description: (Revision) Revise the table column entry under "Expected Sample Concentrations" for the Waste Holdup Tank and Waste Evaporator Distillate. Justification: Revised estimates and referenced information in FSAR Table 11.2-8. Group: 3 FSAR Change Request Number: 92-588.61 Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-4	See Sheet No(s):3 Description: (Clarification) Add the word "recycle" to the description of the sample process for the Waste Evaporator concentrates. Justification: Change made to clarify the possible dispositions of Waste evaporator concentrates. Group: 4 FSAR Change Request Number: 92-588.53 Related SER Section: 11.3

FSAR Page (as amended)	Description
	SER/SSER Impact: No
Table 11.5-4	See Sheet No(s):3 Description: (Revision) Revised table entries under the column "Expected Sample Concentrations" for all sampling locations listed on subject sheet. Justification: Revised information in referenced FSAR Table 11.2-2. Group: 3 FSAR Change Request Number: 92-588.62 Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-4	See Sheet No(s):4 Description: (Revision) Remove the table entry for "Waste Monitor Tanks (WMT). and revise the entry under the column "Expected Sample Concentrations" for the sampling location "Downstream of waste monitor tank demineralizer". Justification: Waste Monitor Tanks are relisted on Table 11.5-4 under the sample process of effluent sampling (see sheet 7 of 8). The referenced column data was revised due to revised estimates and information FSAR Table 11.2-2. Group: 3 FSAR Change Request Number: 92-588.54 Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-4	See Sheet No(s):4 Description: (Clarification) Change sampling location description "Primary Water Storage Tank" to "Reactor Makeup Water Storage Tank". Justification: Change made for consistency with plant nomenclature. Group: 4 FSAR Change Request Number: 92-588.55 Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-4	See Sheet No(s):5 Description: (Clarification) Change the sampling location description of "Pressurizer relief tank (PRT) vapor space" to "Pressurizer relief tank (PRT) vapor space and/or Pressurizer vapor space". Justification: Change clarifies the sampling location. Group: 4 FSAR Change Request Number: 92-588.56

FSAR Page (as amended)	Description
	Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-4	See Sheet No(s):5 Description: (Clarification) Change the sampling location description of "CVCS holdup tanks" to "Recycle Holdup Tanks" and the sample process description of "... to GCW" to "... to GWPS". Justification: Change made for consistency with plant nomenclature. Group: 4 FSAR Change Request Number: 92-588.57 Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-4	See Sheet No(s):7 Description: (Clarification) Add "(Waste Monitor Tanks and Laundy Holdup & Monitor Tanks)" to rad-waste processing system discharges. Justification: Change made to clarify actual sample points. Group: 4 FSAR Change Request Number: 92-588.58 Related SER Section: 11.3 SER/SSER Impact: No
Table 11.5-4	See Sheet No(s):8 Description: (Addition) Add table entries for "Low Volume Waste Pond" and "Waste Water Holdup Tanks." Justification: The additions are made for consistency with sampling requirements given in the Radiological Effluents Controls Program given in the ODCM. Group: 3 FSAR Change Request Number: 92-588.59 Related SER Section: 11.3 SER/SSER Impact: No
11A-1	Description: (Addition) Change the words "ingestion of crops" to "ingestion of goat milk or crops" in the discussion of what activities on irrigated land are not considered significant pathways in evaluating the radiological impact of the plant. Justification: Performed updated evaluations and revised calculations to estimate doses from routine plant operations.These activities identified significant and nonsignificant pathways as potential contributors. Group: 3

FSAR Page (as amended)	Description
	FSAR Change Request Number: 92-606.1 Related SER Section: 11.2 SER/SSER Impact: No
11A-1	Description: (Revision) Delete the reference to making conservative dose calculations to demonstate the maximum potential dose impact for ingestion of goat milk or crops cultivated on irrigated land. Justification: Reevaluation indentified these pathways as nonsignificiant; dose calculations showing insignificant results were determined to be unnecessary/superfluous. Group: 3 FSAR Change Request Number: 92-606.2 Related SER Section: 11.2 SER/SSER Impact: No
11A-1	Description: (Addition) Add description that water from Squaw Creek Reservoir is not used as drinking water supply and therefore ingestion of reservoir water not considered to be a realistic exposure pathway. Justification: TU Electric controls access/use of Squaw Creek Reservoir and allows recreation use only. Group: 3 FSAR Change Request Number: 92-606.3 Related SER Section: 11.2 SER/SSER Impact: No
11A-2	Description: (Revision) Delete reference to the ingestion of water in the discussion of primary sources of exposure from the liquid pathway. Justification: TU Electric controls access/use of Squaw Creek Reservoir and allows recreation use only. The use factor for ingestion of water from Squaw Creek is realistically = 0; exposure from other reservoirs is negligible. Group: 3 FSAR Change Request Number: 92-606.4 Related SER Section: 11.2 SER/SSER Impact: No
11A-3	Description: (Revision) Revise the quantity of water (acre-feet) released from Squaw Creek Reservoir (SQR) into Squaw Creek; delete reference to specific quantity which may be pumped as "blow down" from SQR to Lake Granbury; revise quantity

FSAR Page (as amended)	Description
	pumped from Lake Granbury to SQR for level control. Justification: Revised parameters and mathematical Lake Model. Group: 3 FSAR Change Request Number: 92-606.5 Related SER Section: 11.2 SER/SSER Impact: No
11A-3	Description: (Revision) Change description of flow in lakes to state that flow in Squaw Creek Reservoir was assumed to be completely mixed (i.e. not plug flow). Justification: Revised the mathematical lake model used to calculate radionuclide concentrations due to normal releases in surface water bodies. Group: 3 FSAR Change Request Number: 92-606.6 Related SER Section: 11.2 SER/SSER Impact: No
11A-7	Description: (Clarification) Add the words "as applicable to Squaw Creek Reservoir, Lake Gradbury, or Whitney Reservoir" to the discussion of doses to individuals from potentially significant liquid pathways. Justification: Provides clarification with respect to if calculations were to be performed. Group: 4 FSAR Change Request Number: 92-606.8 Related SER Section: 11.2 SER/SSER Impact: No
11A-7	Description: (Correction) Delete the sentence "Water will be withdrawn from Squaw Creek Reservoir for use in the plant surface water treatment system and used as potable water." Justification: The plant potable water comes from wells and not from Squaw Creek Reservoir. Group: 4 FSAR Change Request Number: 92-606.9 Related SER Section: 11.2 SER/SSER Impact: No
11A-7	Description: (Revision) Remove the reference to Squaw Creek Reservoir with regard to estimating dose due to ingestion of lake source drinking water. Justification: TU Electric controls access/use of Squaw Creek

FSAR Page (as amended)	Description
	Reservoir and allows recreation use only; use factor for drinking water is realistically = 0 therefore no dose contribution from this source. Group: 3 FSAR Change Request Number: 92-606.10 Related SER Section: 11.2 SER/SSER Impact: No
11A-3,4,5, 6	Description: (Revision) Modified the description of terms and/or equations used in the mathematical lake model. Justification: Revised the mathematical lake model used to calculate radionuclide concentrations due to normal releases in surface water bodies. Group: 3 FSAR Change Request Number: 92-606.7 Related SER Section: 11.2 SER/SSER Impact: No
11A-8,9	Description: (Revision) Upated the predicted estimated doses to individuals in the local environs of the plant from significant liquid pathways. Justification: Revised calculated values using updated parameters and revised lake model. Group: 3 FSAR Change Request Number: 92-606.11 Related SER Section: 11.2 SER/SSER Impact: No
Table 11A-1	See Sheet No(s):1,2,3 Description: (Revision) Updated table values for quantity of radionuclides annually released and expected long term concentrations in subject lakes. Justification: Table values revised due to use of updated parameters and revised lake model. Group: 3 FSAR Change Request Number: 92-606.12 Related SER Section: 11.2 SER/SSER Impact: No
Table 11A-2	See Sheet No(s):1,2,3,4 Description: (Revision) Update table entries summarizing the calculated dose to individuals from various significant liquid pathways Justification: Table values revised due to use of updated parameters and revised lake model.

FSAR Page (as amended)	Description
	Group: 3 FSAR Change Request Number: 92-606.13 Related SER Section: 11.2 SER/SSER Impact: No
Table 11A-5	See Sheet No(s):1 Description: (Revision) Update table entries summarizing the total calculated dose from all significant liquid pathways considered. Justification: Table values revised due to use of updated parameters and revised lake model. Group: 3 FSAR Change Request Number: 92-606.14 Related SER Section: 11.2 SER/SSER Impact: No
Figure 11A-2	Description: (Revision) Revise figure parameters for lake flows and add footnotes. Justification: Parameters revised due to revision of lake model; footnotes added to clarify parameters and flow paths. Group: 3 FSAR Change Request Number: 92-606.15 Related SER Section: 11.2 SER/SSER Impact: No
Figure 11A-3	Description: (Revision) Update figure to show revised terms and considerations in modeling dispersion of radionuclides in normal liquid releases to surface water bodies. Justification: Revised the mathematical model (lake model) used in estimating the concentrations of radionuclides in local lakes due to normal liquid releases from the plant. Group: 3 FSAR Change Request Number: 92-606.16 Related SER Section: 11.2 SER/SSER Impact: No
12.4-1, 2	Description: (Q&R Incorporation) Relocate response from Q&R 331.3 to FSAR Section 12.4.3. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-284.2 Related SER Section: 12.4 SER/SSER Impact: No

FSAR Page (as amended)	Description
13.1-4	Description: (Revision) Revises responsibilities of the Group Vice President, Nuclear Engineering and Operations to delete the Manager, Safeteam as a direct report. Justification: The Manager, Safeteam now reports to the Manager of Regulatory Affairs. Group: 3 FSAR Change Request Number: 92-645 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: No
13.1-4	Description: (Revision) Deletes the Manager, Safeteam as a direct report to the Group Vice President, Nuclear Engineering and Operations. Justification: This position has been relocated under the Manager of Regulatory Affairs. Group: 3 FSAR Change Request Number: 92-645 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: No
13.1-5, 6	See Page No(s):09, 15, 20, 21, 22 Description: (Revision) Deletes the position of Manager of Nuclear Operations Support. Justification: As part of the CPSES organizational evolution to improve the efficiency of manpower utilization, the position of Manager of Nuclear Operations Support has been eliminated. The organizations previously reporting to this position now report as follows: Plant Engineering - reports to the Chief Engineer; Manager, Plant Support - reports to the Plant Manager; Emergency Planning Manager - reports to the Manager, Plant Support. Group: 3 FSAR Change Request Number: 92-645.1 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: Yes The CPSES organization no longer reflects that described by SSER 22.
13.1-8	Description: (Revision) Relocates the discussion of the responsibilities of the Manager, Administrative Services (formerly the Director of Management Services). Justification: This position has been retitled and relocated under

FSAR Page (as amended)	Description
	the Chief Engineer. Group: 3 FSAR Change Request Number: 92-645.1 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: No
13.1-9	Description: (Revision) Adds the position of Manager, Plant Engineering to the organizations reporting to the Chief Engineer. Justification: See description provided for page 13.1-5 Group: 3 FSAR Change Request Number: 92-645.1 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: Yes The CPSES organization no longer reflects that described in SSER 22.
13.1-10, 11	Description: (Revision) Revises title of the Manager of Nuclear Licensing to be Manager of Regulatory Affairs. Also adds the Manager, Safeteam as a direct report. Justification: Routine organizational change. Group: 3 FSAR Change Request Number: 92-645 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: Yes The organizational structure no longer reflects the version in the latest SSER to address the subject SSER-22.
13.1-14	Description: (Revision) Relocates the discussion of the responsibilities of the Manager, Administrative Services (formerly the Director of Management Services). Justification: This position has been retitled and relocated under the Chief Engineer. Group: 3 FSAR Change Request Number: 92-645.1 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: No
13.1-15, 16	Description: (Revision) Revises the discussion of the Operating Organization to reflect the elimination of Nuclear Operations Support organization. Justification: See description provided for page 13.1-5. Group: 3 FSAR Change Request Number: 92-645.1

FSAR Page (as amended)	Description
	Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: Yes The CPSES organization no longer reflects that described in SSER 22.
Table 13.1-1	See Sheet No(s):02 Description: (Revision) Makes the B.S. degree for the Manager, Startup (Unit 2) a recommended option rather than a mandatory requirement. Justification: The NRC position related to qualification requirements for startup testing personnel such as the Manager, Startup was provided in Q&R 423.7. The revision to Table 13.1-1 requirements is consistent with the NRC requirements and is also consistent with RG 1.8. Group: 2 FSAR Change Request Number: 92-620 Related SER Section: 13.1 SER/SSER Impact: No
Table 13.1-1	See Sheet No(s):02 Description: (Revision) Revises table to reflect the elimination of the position of Manager of Nuclear Operations Support. Justification: See justification provided for page 13.1-5. Group: 3 FSAR Change Request Number: 92-645.1 Related SER Section: 13.1 SER/SSER Impact: Yes The CPSES organization no longer reflects tnat described in SSER 22.
Figure 13.1-2	Description: (Revision) Revises figure to reflect the elimination of the Nuclear Operations Support organization. Justification: See justification provided for page 13.1-5. Group: 3 FSAR Change Request Number: 92-645.1 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: Yes The CPSES organization no longer reflects that described in SSER 22.
Figure 13.1-3	Description: (Revision) Revises figure to reflect the elimination of the Nuclear Operations Support organization and tne positions of Director of Management Services and the Director of Engineering Administration. Justification:

FSAR Page (as amended)	Description
	See justification provided for page 13.1-5 and 13.1-14. Group: 3 FSAR Change Request Number: 92-645.1 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: Yes The CPSES organization no longer reflects that described in SSER 22.
13.1A-1, 2	See Page No(s):5, 6, 7, 8, 48, 49, 50, 51 and 54 Description: (Revision) Revises resumes to reflect personnel changes and position/title changes. Justification: Normal personnel changes. Group: 3 FSAR Change Request Number: 92-645.1 Related SER Section: 13.1 SER/SSER Impact: No
13.1A-20, 21	Description: (Update) Updates the resume for the Unit 2 Manager, startup. Justification: Normal resume update due to personnel change. Group: 3 FSAR Change Request Number: 92-620 Related SER Section: 13.1 SER/SSER Impact: No
13.2-1	Description: (Q&R Incorporation) Relocates response to Q441.002 into the FSAR text. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-553 Related SER Section: 13.1 SER/SSER Impact: No
13.2-2	Description: (Q&R Incorporation) Relocates response to Q441.003 into the FSAR text. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-554 Related SER Section: 13.1 SER/SSER Impact: No

FSAR Page (as amended)	Description
15.0-12	Description: (Correction) Correct Statement Concerning Axial Power Shapes Justification: In Amendment 84, changes were made to reflect the Unit 2 differences, but a statement concerning the axial power shapes used in the DNB calculations was not changed to reflect Unit 2. The Unit 2 analyses do not use a 1.55 chopped cosine shape. The axial power shapes for each unit are discussed in section 4.4. Group: 3 FSAR Change Request Number: 91-141.05 SER/SSER Impact: No
Table 15.0-2	See Sheet No(s):3 Description: (Correction) Correct Reactivity Coefficients Used in the Rod Withdrawal at Power Accident Justification: In Amendment 84, the reactivity coefficients were modified to reflect the Unit 2 analyses and the reanalyses associated with the change to a positive moderator coefficient in Unit 1. The value for the moderator density coefficient was inadvertently left out of the Amendment. The correct value of +.43 delta k/gm/cc has been added to the Table for the Rod Withdrawal at Power Accident. Group: 2 FSAR Change Request Number: 91-141.05 SER/SSER Impact: No
Table 15.0-2	See Sheet No(s):5 Description: (Addition) Add Unit 2 Computer Codes and Initial Conditions for the Large and Small Break Loss of Coolant Accidents Justification: Table 15.0-2 summarizes the Computer Codes and the range of initial conditions assumed in the analyses. The Table has been revised to include the Unit 2 codes and initial conditions. Group: 2 FSAR Change Request Number: 91-141.05 SER/SSER Impact: No
Figure 15.0-2, B	Description: (Correction) Correct Doppler Power Coefficients Used in the Accident Analysis Justification: In Amendment 84, Figure 15.0-2B was inserted for the doppler coefficients used in the Unit 2 analyses. The Figure inadvertently inverted the upper and lower doppler curves. A new Figure 15.0-2B has been provided. Group: 2

FSAR Page (as amended)	Description
	FSAR Change Request Number: 91-141.05 SER/SSER Impact: No
Table 15.1-3	See Sheet No(s):3 Description: (Revision) Parameters for Postulated Main Steam Line Break Accident Justification: The Unit 2 parameters have been added to Table 15.1-3. Unit 2 has a different parameters because the steam generators are different from Unit 1. The parameters have also changed for Unit 1 because of a change in the relief valve setpoint. Group: 2 FSAR Change Request Number: 91-141.99 SER/SSER Impact: No
15.4-33, 34	See Page No(s):37, 38 Description: (Addition) Add Unit 2 Parameters and Results for Boron Dilution Event During Startup and Power Operation Justification: The Boron Dilution Event has bee reanalyzed for Unit 2. The Unit 2 input parameters (e.g., RCS volume, boron boron worth, etc.) and results (e.g., time for operator action, etc.) have been added to the discussion. Group: 2 FSAR Change Request Number: 91-141.52 Related SER Section: 15.2.3.1 SER/SSER Impact: No
15.4-61	Description: (Clarification) Iodine and Noble Gas Inventory Used in Assessing the Radiological Consequences of the Rod Ejection Accident Justification: Regulatory Guide 1.77, "Assumptions Used for Evaluating a Control Rod Ejection Accident for Pressurized Water Reactors" and the Standard Review Plan (NUREG-0800) state that for ananlyzing the radiological consequences of the Rod Ejection Accident 25% of the iodines and 100% of the noble gases will be assumed to be available for release from the containment and for releases from the secondary systemss, 50% of the iodines and 100% of the noble gases are released to the primary coolant. These assumption were used in the dose calculation, but the wording in the text does not differentiate between the percentages used for the release from the containment and the release from the secondary systems. The wording has been changed to reflect the difference in these percentages. Group: 3 FSAR Change Request Number: 92-604.2

FSAR Page (as amended)	Description
	Related SER Section: 15.4.2; SSER22 15.4.2 SER/SSER Impact: No
Table 15.4-1	See Sheet No(s):4, 5 Description: (Addition) Add Unit 2 Sequence of Events for Boron Dilution Event During Startup and Power Operation Justification: The Boron Dilution Event has been reanalyzed for Unit 2. A new column has been added to Table 15.4-1 to add the times for the Boron Dilution Event during startup and power operation. Group: 2 FSAR Change Request Number: 91-141,52 Related SER Section: 15.2.3.1 SER/SSER Impact: No
Table 15.4-4	See Sheet No(s):2 Description: (Clarification) Iodine and Noble Gas Inventory Used in Assessing the Radiological Consequences of the Rod Ejection Accident Justification: Regulatory Guide 1.77, "Assumptions Used for Evaluating a Control Rod Ejection Accident for Pressurized Water Reactors" and the Standard Review Plan (NUREG-0800) state that for analyzing the radiological consequences of the Rod Ejection Accident 25% of the iodines and 100% of the noble gases will be assumed to be available for release from the containment and for the releases through the secondary systems, 50% of the iodines and 100% of the noble gases are released to the primary coolant. These assumptions were used in the dose calculations, but the wording in Table 15.4-4 does not differentiate between the percentages used for the release from containment and the release from the secondary. The wording has been change to reflect the difference in these percentages. Group: 3 FSAR Change Request Number: 92-604.1 Related SER Section: 15.4.2; SSER22 15.4.2 SER/SSER Impact: No
15.6-14	Description: (Addition) Remove Specific Reference to the DNBR of 1.30 Justification: Each occurrence of "DNBR is less than 1.30" (departure from nucleate boiling ratio) has been replaced with a generic term, "less than the limit value" because the DNBR is different for each unit and may change in the future if the fuel type changes, or if a different analytical method is used in the analysis. This change does not have a material effect and has been made to

FSAR Page (as amended)	Description
	preclude repetitive changes in the future. The DNBR limit is listed in Technical Specification 3/4.2 for each unit. Group: 2 FSAR Change Request Number: 91-141.99 SER/SSER Impact: No
15.6-22, 24	See Page No(s):26 thru 35 Description: (Addition) Add Unit 2 Assumptions, Initial Conditions and Results for the Large and Small Break Loss of Coolant Accidents Justification: The Large and Small Break Loss of Coolant Accidents were analyzed differently for Unit 2. The Large Break LOCA was analyzed using the approved 1981 ECCS evaluation model. The Small Break LOCA was analyzed using the May, 1985 NOTRUMP ECCS evaluation model. The assumptions, initial conditions and results, which are different for Unit 2, have been added. Group: 2 FSAR Change Request Number: 91-141.01 SER/SSER Impact: No
15.6-32	Description: (Revision) Changes to Peak Clad Temperature (PCT) Penalties and Final Limiting PCT for Unit 1 Large Break LOCA Justification: An error in the ECCS calculation for Unit 1 resulted in a PCT penalty of 7.2 degrees Fahrenheit (F) which increased the total PCT penalty to 55 degrees F and the final limiting PCT to 2065.7 degrees F. The 7.2 degree F penalty was for steam generator tube collapse due to concurrent seismic and LOCA loads. TU Electric notified the NRC that the total PCT penalty exceeded 50 degrees F, in accordance with 10CFR50.46, via letter TXX-91230 dated July 31, 1991, and provided a schedule for reanalysis. Group: 1 FSAR Change Request Number: 91-141.99 Related SSER Section: SSER23 15.3.8 SER/SSER Impact: Yes The Large Break PCT is stated as 2058.5 degrees F.
15.6-32	Description: (Revision) Changes to Peak Clad Temperature (PCT) Penalties and Final Limiting PCT for Unit 2 Large Break LOCA Justification: Errors in the ECCS calculation for Unit 2 result in a total PCT penalty which exceeds 50 degrees Fahrenheit (F). TU Electric notified the NRC that the total PCT penalty exceeded 50 degrees F, in accordance with 10CFR50.46, via letter TXX-91270 dated July 31,

FSAR Page (as amended)	Description
	1991, and provided a schedule for reanalysis. Group: 1 FSAR Change Request Number: 91-141.99 SER/SSER Impact: No
15.6-34	Description: (Revision) Changes to Peak Clad Temperature (PCT) Penalties and Final Limiting PCT for Unit 1 Small Break LOCA Justification: A correction to the ECCS calculation has been made to account for zirconium-water reaction, and safety injection and auxiliary feedwater flow adjustment. The correction increases the total PCT penalty to 247 degrees Fahrenheit (F) and the final limiting small break PCT to 2035 degrees F. Group: 1 FSAR Change Request Number: 91-141.99 Related SSER Section: SSER23 15.3.8 SER/SSER Impact: Yes The Small Break PCT is stated as 1895.5 degrees F.
15.6-49, 50	See Page No(s):51 Description: (Addition) Add Unit 2 References to the Reference List Justification: The source materials for the Unit 2 analyses have been added to the reference list. Group: 2 FSAR Change Request Number: 91-141.02 SER/SSER Impact: No
Table 15.6-1	See Sheet No(s):01 thru 06 Description: (Addition) Add Unit 2 Times to Sequences of Events for the Loss of Coolant Accidents and Steam Generator Tube Rupture Justification: The Loss of Coolant Accidents have been analyzed for Unit 2. A new column has been added to Table 15.6-1 for the Unit 2 sequence of events. The times for the Steam Generator Tube Rupture event are identical to Unit 1 because the same analysis is used for both units. Group: 2 FSAR Change Request Number: 91-141.04 SER/SSER Impact: No
Table 15.6-1	See Sheet No(s):5 Description: (Correction) Table 15.6-1, Time Sequence of Events for Decrease in Reactor Coolant Inventory Justification: Incorrect duplicate entries have been removed for the 3

FSAR Page (as amended)	Description
	inch break. Duplicate entries for Accumulator Injection, Peak Clad Temperature, and Top of Core Covered, stated times which were the times for the 6 inch break. Group: 3 FSAR Change Request Number: 91-141.99 SER/SSER Impact: No
Table 15.6-5	Description: (Addition) Add Unit 2 Parameters and Results of Loss of Coolant Accidents to Table 15.6-5 Justification: Table 15.6-5 summarizes the input parameters for the LOCA analysis. The Large and Small Break LOCAs have been analyzed differently for Unit 2. The input parameters for Unit 2 have been added to the Table. Note that footnotes "c" and "d" were inadvertently switched in the advance submittal of this change which was sent to the NRC on March 17, 1992. The footnotes have been corrected. Group: 2 FSAR Change Request Number: 91-141.45 SER/SSER Impact: No
Table 15.6-5	Description: (Correction) Table 15.6-5 Input Parameters Used in the LOCA Analysis Justification: The LOCA analyses are run at 3651 megawatts for the thermal hydraulic analyses and at 3411 megawatts to determine the cladding heatup. Group: 3 FSAR Change Request Number: 91-141.99 SER/SSER Impact: No
Table 15.6-6	See Sheet No(s):01 and 02 Description: (Addition) Add Unit 2 Parameters and Results for Large Break LOCA to Table 15.6-6 Justification: Table 15.6-6 summarizes the input parameters and results for the Large Break LOCA analysis. The Large Break LOCA was analyzed differently for Unit 2. The Unit 2 input parameters and results have been added to the Table. Note that the "Results" title on sheet 2 of the Table has been corrected to "Unit 2." The advance submittal of this change sent to the NRC on March 17, 1992 had this title incorrectly labeled as "Unit 1." Group: 2 FSAR Change Request Number: 91-141.45 SER/SSER Impact: No

FSAR Page (as amended)	Description
Table 15.6-7	Description: (Addition) Add Unit 2 Small Break LOCA Results to Table 15.6-7 Justification: Table 15.6-7 summarizes the results for the Small Break LOCA analysis. The Small Break LOCA was analyzed for Unit 2 with a different methodology. The Unit 2 results have been added to Table 15.6-7. Group: 2 FSAR Change Request Number: 91-141.45 SER/SSER Impact: No
Figure 15.6-6	Description: (Addition) Add Unit 2 Figure for Small Break LOCA Computer Code Justification: The Unit 2 Small Break LOCA analysis uses the NOTRUMP code. Figure 15.6-6 has been changed to reflect this difference from Unit 1. Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-7, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-7, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-7, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-7, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-8, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-8, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-8, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-8, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-9, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-9, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-9, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-9, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-10, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-10, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-10, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-10, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-11, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-11, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-11, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-11, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-12, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-12, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-12, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-12, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-13, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-13, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-13, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-13, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-14, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-14, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-14, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-14, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-15, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-15, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-15, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-15, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-16, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-16, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-16, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-16, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-17, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-17, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-17, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-17, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-18, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-18, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-18, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-18, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-19, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-19, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-19, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-19, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-20, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-20, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-20, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-20, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-21, A	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-21, B	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-21, C	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-21, D	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-22	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-23	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-34	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-35	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-36	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-37	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-38	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-39	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-40	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-41	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-42	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-43	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-44	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-45	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-46	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-47, (A&B)	Description: (Revision) Update Existing Safety Injection Flow Rate Figures Justification: The Safety Injection Flow Rate Figures for the Large and Small Break LOCAs have been updated to account for plant changes to the Residual Heat Removal system. Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-48	Description: (Editorial) Change "Unit 1 and 2" Figure to a "Unit 1" Figure Justification: The Unit 2 figure is not the same as the Unit 1 figure. A figure depicting the same plant parameters has been added for Unit 2. Group: 4 FSAR Change Request Number: 91-141.55 SER/SSER Impact: No
Figure 15.6-49	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-49, A	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47

FSAR Page (as amended)	Description
	SER/SSER Impact: No
Figure 15.6-50	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-51	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-51, A	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-52	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-52, A	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-53	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-54	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-54, A	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-55	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-56	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-57	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-58	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-59	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-60	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-61	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-62	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-63	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-64	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-65	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-66	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-67	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-68	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-69	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-70	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-71	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-72	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-73	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-74	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-75	Description: (Addition) Add Unit 2 Figures for Large Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-76	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-77	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-78	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-79	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-80	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-81	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-82	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-83	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-84	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-85	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-86	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-87	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
Figure 15.6-88	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 15.6-89	Description: (Addition) Add Unit 2 Figures for Small Break LOCA Justification: Group: 2 FSAR Change Request Number: 91-141.47 SER/SSER Impact: No
15.7-2, 3	Description: (Revision) Changes in the Source Terms Used for Calculating the Radiological Consequences of a Waste Gas Tank Rupture and Elimination of the Daily Requirement to Switch to a Different Waste Gas Tank Justification: Westinghouse has revised the source terms which are used in calculating the consequences of a waste gas tank rupture. Using the revised source terms, the dose at the exclusion area boundary was recalculated. The new dose of 0.25 rem is still within the 0.5 rem value stated in Branch Technical Position ETSB 11-5. In addition, the methodology for switching the gas decay tanks has been changed. When an alarm is received in the Control Room, the online tank is not necesarily isolated. Instead, the alarm is addressed logically. In some cases, the alarm could indicate a high activity level in the tank, in which case that tank would be isolated and another tank placed in service. In other cases, the alarm could be the result of a normal evolution, such as venting the Volume Control Tank, in which case the in-service tank may not be switched. Additionally, when tanks are switched, the tank placed in service may not be the tank with the lowest curie content. Instead, the tanks will be periodically rotated for surveillances, which will satisfy the need to equally distribute the gaseous activity among all of the tanks. Group: 3 FSAR Change Request Number: 92-639.1 Related SER Section: 15.4.6 SER/SSER Impact: Yes The whole body dose at the exclusion area boundary and the requirement to switch waste gas tanks is not consistent with the change.
Table 15.7-1	See Sheet No(s):2 Description: (Revision) Changes in the Source Terms Used for Calculating the Radiological Consequences of a Waste Gas Tank Rupture Justification: Westinghouse has revised the source terms which are used in calculating the consequences of the postulated tank rupture. Using the revised source terms, the dose at the exclusion area boundary was recalculated. The

FSAR Page (as amended)	Description
	new value of 0.25 rem is still within the 0.5 rem value stated in Branch Technical Position ETSB 11-5. Group: 3 FSAR Change Request Number: 92-639.2 Related SER Section: 15.4.6 SER/SSER Impact: Yes The value for the whole body dose at the exclusion area boundary listed in the SER is not consistent with the new value.
Table 15.7-2	See Sheet No(s):1 and 2 Description: (Revision) Changes in the Source Terms Used for Calculating the Radiological Consequences of a Waste Gas Tank Rupture and Elimination of the Daily Requirement to Switch to a Different Gas Decay Tank Justification: Westinghouse has revised the source terms which are used in calculating the consequences of the postulated tank rupture. With the exception of the Kryton 85 term, the source terms are all higher than originally estimated. The radio-iodines have been removed from the list of source terms, which is consistent with Branch Technical Position ETSB 11-5. In addition, the assumptions have been changed to state the online tank will be switched at regular intervals rather than every 24 hours. Further analysis has shown that daily switching of the tanks is not necessary for the doses from a tank rupture to be within the regulatory guidelines. Switching the tanks less frequently will reduce the radiation exposure of the plant operators. Group: 3 FSAR Change Request Number: 92-639.3 Related SER Section: 15.4.6 SER/SSER Impact: Yes The values for the source terms listed in the SER are not consistent with the new values.
17.1-25	Description: (Editorial) Deletes reference to a functional group called project management. Justification: This is an archaic term which is no longer used at CPSES. Group: 4 FSAR Change Request Number: 92-645 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: No

FSAR Page (as amended)	Description
Figure 17.1-6	Description: (Revision) Revises figure to reflect the elimination of the Nuclear Operations Support organization and the positions of Director of Management Services and the Director of Engineering Administration. Justification: See justification provided for pages 13.1-5 and 13.1-14. Group: 3 FSAR Change Request Number: 92-645.2 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: Yes The CPSES organization no longer reflects that described in SSER 22.
17.2-3	Description: (Revision) Revises responsibilities of the Vice President, Nuclear Operations to reflect deletion of the Nuclear Operations Support organization. Justification: See justification provided for page 13.1-5. Group: 3 FSAR Change Request Number: 92-645 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: No
17.2-4	Description: (Revision) Revises responsibilities of the Plant Manager to reflect deletion of the Nuclear Operations Support organization. Justification: See justification provided for page 13.1-5. Group: 3 FSAR Change Request Number: 92-645 Related SER Section: 13.1; SSER22 13.1.2 SER/SSER Impact: No
17.2-7	Description: (Clarification) Justification: Clarifies the responsibility of Nuclear Overview for emergency planning. Group: 3 FSAR Change Request Number: 92-645 Related SER Section: 17.2 SER/SSER Impact: No
17.2-15	Description: (Revision) Revises responsibility of the Chief Engineer to reflect the deletion of the Manager, Operations Support. Justification: See justification provided for page 13.1-5.

FSAR Page (as amended)	Description
	Group: 3 FSAR Change Request Number: 92-645 Related SER Section: 17.2 SER/SSER Impact: No
17.2-34, 35	Description: (Revision) Remove Inline Review of Nonconformance Reports by Nuclear Overview Department Justification: Currently, independent inline review of nonconformances is performed by the Nuclear Overview group. This review is performed at the closure of the nonconformance document to independently determine whether the documentation reflects completion of the corective action and that the form is properly completed. This is not a technical review and is redundant of actions performed by the Manager in whose area of responsibility the nonconformance was identified. An evaluation of the closure review process has concluded that the nonconformance process and adminsitrative controls, administered by the cognizant manager, have been effective in appropriately correcting and documenting identified nonconformances. Group: 2 FSAR Change Request Number: 91-191.01 SER/SSER Impact: No
17.2-36	Description: (Revision) Re-assigns responsibility for development of procedures and instructions to implement the management requirements related to QA records from the Vice President, Support Services to the Chief Engineer. Justification: Routine organizational restructuring. Group: 3 FSAR Change Request Number: 92-645 Related SER Section: 17.2 SER/SSER Impact: No
Figure 17.2-2	Description: (Revision) Revises figure to reflect the elimination of the Nuclear Operations Support organization. Justification: See justification provided for page 13.1-5. Group: 3 FSAR Change Request Number: 92-645.2 Related SER Section: 13.1; SSER22 13.1.2

FSAR Page (as amended)	Description
	SER/SSER Impact: Yes The CPSES organization no longer reflects that described in SSER 22.
17A-2	Description: (O&R Incorporation) Relocates information contained in the response to Q421.18 to the FSAR text. Justification: O&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-502 Related SER Section: 17.1 SER/SSER Impact: No
Table 17A-1	See Sheet No(s):11, 33 Description: (Correction) Adds the design requirements for the Process Sampling System tubing, fittings, valves and supports to Item Number 8 in Table 17A-1. Justification: Refer to the justification for Page 6.2-95. Group: 3 FSAR Change Request Number: 91-188.3 Related SER Section: 6.2 SER/SSER Impact: No
Table 17A-1	See Sheet No(s):14 Description: (Revision) Add Note 81 to List of Quality Assured Structures, Systems and Components Justification: The specific exception concerning the Steam Generator Blowdown piping in the Turbine Building has been added to Table 17A-1 via Note 81. The quality assurance requirements for this piping will be the same as for any Class 5, Seismic Category II piping except that the piping is not located in a Seismic Category I structure. Group: 1 FSAR Change Request Number: 91-201.04 SER/SSER Impact: No
Table 17A-1	See Sheet No(s):16 Description: (Clarification) Clarify the safety classification of the Fuel Oil and Storage System components being safety class 3 except as noted on Table 17A-1. Add Safety classification for the vacuum relief valves and flame arrestors as NNS. Justification: The Fuel Oil and Storage System components is in conformance with the ANSI N18.2 as endorsed by NRC R.G 1.137 and ANSI N195. These components are Safety Class

FSAR Page (as Amended)	Description
	3 except as noted on Table 17A-1 of the FSAR. Group: 3 FSAR Change Request Number: 92-603.3 Related SER Section: 9.5.4; SSER24 9.5.4 SER/SSER Impact: No
Table 17A-1	See Sheet No(s):19 and 60 Description: (Correction) Remove Code Classification of Emergency Diesel Generator Exhaust Piping Justification: The piping and supports for the Diesel Generator exhaust piping, located inside the Diesel Genrator building, were designed, analyzed, installed and inspected to the requirements of ASME Section, including Code Case N-253-2. Code case N-253-2 was developed to provide rules for elevated temperature service such as that found in the Diesel Generator exhaust. The NRC approved use of this code case for Comanche Peak in 1988. However, the Diesel Generator exhaust piping and supports were not Code stamped during installation and inspection. Due to this lack of stamping, "Code Class 3" has been removed from Table 17A-1. This declassification does not affect the Safety Classification or Seismic Category of this piping and supports. Group: 2 FSAR Change Request Number: 91-162 Related SER Section: 9.5.8 SER/SSER Impact: Yes The SER states that the exhaust system piping is Class 3, which has been corrected in this change.
Table 17A-1	See Sheet No(s):60 Description: (Revision) Add Note 81 to List of Quality Assured Structures, Systems and Components Justification: The specific exception concerning the Steam Generator Blowdown piping in the Turbine Building has been added to Table 17A-1 via Note 81. The quality assurance requirements for this piping will be the same as for any Class 5, Seismic Category II piping except that the piping is not located in a Seismic Category I structure. Group: 1 FSAR Change Request Number: 91-201.055 SER/SSER Impact: No
Q&R 010-8	Description: (Q&R Incorporation) Delete the response to 0010.4 and change the response to reference revised FSAR Section 9.2.2.3. Justification: This is an editorial change to ready the Q&R Section

FSAR Page (As amended)	Description
	for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-10.1 Related SER Section: 9.2.2 SER/SSER Impact: No
Q&R 010-9	Description: (Q&R Incorporation) Adds note indicating that the response to this Q&R will not be incorporated into the Updated Safety Analysis Report (USAR). Also adds reference to FSAR text location containing information relating to turbine missile analysis. Justification: Q010.5 requests a description of the turbine missile protection provided for the condensate storage tank. The response indicates that none is provided and discusses the basis for that response. Since this response merely negates the original question, the specific discussion of the Condensate Storage Tank will not be incorporated into the FSAR text. Instead a reference is provided to a general discussion of turbine missile analysis. Group: 4 FSAR Change Request Number: 92-011 Related SER Section: 3.5.1.3 SER/SSER Impact: No
Q&R 010-16	Description: (Q&R Incorporation) Delete the response to Q010.9 and change the response to reference revised FSAR Section 3.4.3. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-13.1 Related SER Section: 3.4 SER/SSER Impact: No
Q&R 010-19	Description: (Q&R Incorporation) Delete the response to Q010.12 and change the response to reference revised FSAR Section 3.3.2.4 and 3.5.1.4. Add the Q010.12 reference to the related FSAR pages. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-16.1 Related SER Section: 3.3 SER/SSER Impact: No

FSAR Page (as amended)	Description
Q&R 010-24	Description: (Q&R Incorporation) Deletes response to Q010.017 and adds reference to the FSAR sections where the information contained in the response is located. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-029 Related SER Section: 3.5.1 SER/SSER Impact: No
Q&R 010-25	Description: (Q&R Incorporation) Delete the response to Q010.18 and change the response to reference the FSAR Table 14.2-3, sheet 18. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-30 Related SER Section: 14.0 SER/SSER Impact: No
Q&R 010-62	Description: (Q&R Incorporation) Adds a note to Q&R 010.31 stating that the information contained in the response will not be incorporated into the FSAR text (USAR) and includes references to the related sections in the FSAR and Fire Protection Report (FPR) where the informatin is contained. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. The Fire Safe Shutdown Analysis described in the FPR did not take credit for repair procedures to achieve hot standby conditions. Group: 4 FSAR Change Request Number: 92-39 Related SER Section: 9.5 SER/SSER Impact: No
Q&R 010-66	Description: (Q&R Incorporation) Deletes response to Q010.034 and adds reference to the FSAR section where the information contained in the response is located. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-042 Related SER Section: 3.6.2; SSER22 3.6.2 SER/SSER Impact: No

FSAR Page (as amended)	Description
Q&R Table 010.9-1	Sheet No(s):Sheets 1 through 3 Description: (Q&R Incorporation) Delete Table Q. 010.9-1, sheets 1 through 3 from the response to Q010.9 and relocate the table to FSAR Section 3.4 as new Table 3.4-1, sheets 1 through 3. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-13.2 Related SER Section: 3.4 SER/SSER Impact: No
Q&R 022-40	Description: (Q&R Incorporation) Delete the first paragraph to the response of Q&R 022.15. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-70.1 Related SER Section: 6.2 SER/SSER Impact: No
Q&R 022-42	Description: (Q&R Incorporation) Delete the response to Q&R 022.17 and add a reference to revised FSAR Section 6.2.6.2. Justification: This is an editorial change to ready the Q&R Section for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-72.2 Related SER Section: 6.2 SER/SSER Impact: No
Q&R 040-137	Description: (Q&R Incorporation) Deletes response to Q040.102 and adds reference to the FSAR section where the information contained in the response is located. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-173 Related SER Section: 10.4.1 SER/SSER Impact: No
Q&R 040-179	Description: (Q&R Incorporation) Deletes response to Q040.134 and adds reference to the FSAR section where the information contained in the response is located. Justification:

FSAR Page (as amended)	Description
	Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). The automatic turbine tester measures valve closure times, a feature not required by the SRP, but can result in early warning of impending valve malfunctioning, thereby allowing valves to be tested less frequently. The staff agreed in SER 10.2 and considered biweekly testing of the above valves to be acceptable in this case. Group: 4 FSAR Change Request Number: 92-290 Related SER Section: 10.2.1 SER/SSER Impact: No
Q&R 040-180	Description: (Q&R Incorporation) Relocates response to Q&R 040.135 to the FSAR text. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-291 Related SER Section: 10.2 SER/SSER Impact: No
Q&R 124-2	Description: (Q&R Incorporation) Deletes a portion of the response to Q124.1 and adds a reference to the FSAR text location where the updated information is located. Also adds note indicating that items A, B, C and D would not be incorporated into the FSAR text for USAR. Justification: Relocation of Q&Rs is required for the Updated Safety Analysis Report (USAR). Information contained in item F of the response is no longer current. The updated information (which was accepted in SSER 22) is now referenced. The response to items A, B, C and D will not be incorporated into the FSAR text since they contain information which is beyond the level of detail appropriate for that FSAR section. Also this information is no longer necessary since the initial NRC concern was resolved (SSER 22). Group: 4 FSAR Change Request Number: 92-330 Related SER Section: 10.2.2; SSER22 10.2.2 SER/SSER Impact: No
Q&R 210-1	Description: (Q&R Incorporation) Adds note indicating that the response to this Q&R will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: By letter TXX-4471 dated May 2, 1985, TU Electric

FSAR Page (as amended)	Description
	requested the elimination of the requirement to postulate arbitrary intermediate pipe breaks in the CPSES design. In support of the evaluation of this request the NRC issued the 210 series of questions. Questions 1, 2, 3, 4, 9 and 10 were exclusively directed to this issue. Subsequently, the NRC issued Generic letter 87-11 which generically removed the requirement to postulate arbitrary intermediate breaks, with a specific exception related to environmental qualification. As a result the issue became moot and was accepted in SSER 21. The subject responses contain such a level of detail on this issue that inclusion into the FSAR (as part of the Q&R relocation) is inappropriate. FSAR Section 3.6B was previously revised to remove reference to the arbitrary intermediate breaks. Restoration of that information into that FSAR section would be inappropriate. Group: 4 FSAR Change Request Number: 92-574 Related SSER Section: SSER21 3.6.2 SER/SSER Impact: No
Q&R 210-2	Description: (Q&R Incorporation) Adds note indicating that the response to R210.002 will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: See justification provided for Q&R page 210-1. Group: 4 FSAR Change Request Number: 92-575 Related SSER Section: SSER21 3.6.2 SER/SSER Impact: No
Q&R 210-3	Description: (Q&R Incorporation) Adds note indicating that the response to Q&R210.003 will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: See justification provided for Q&R page 210-1. Group: 4 FSAR Change Request Number: 92-576 Related SSER Section: SSER21 3.6.2 SER/SSER Impact: No
Q&R 210-5	Description: (Q&R Incorporation) Adds note indicating that the response to Q&R210.004 will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: See justification provided for Q&R page 210-1. Group: 4 FSAR Change Request Number: 92-577

FSAR Page (as amended)	Description
	Related SSER Section: SSER21 3.6.2 SER/SSER Impact: No
Q&R 210-6	Description: (Q&R Incorporation) Deletes response to Q210.005 and adds reference to the FSAR sections where the information contained in the response is located. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-579 Related SER Section: 10.4.9 SER/SSER Impact: No
Q&R 210-8	Description: (Q&R Incorporation) Adds note indicating that the response to Q&R210.006 will not be incorporated into the Updated Safety Analysis Report (USAR). Also adds reference to FSAR text location containing the feedwater/SG waterhammer test requirement. Justification: The response to the Q210.6 merely explains why a separate feedwater waterhammer test was not required by referencing the basis for a single auxiliary feedwater/main feedwater waterhammer test. The NRC staff accepted this response in SSER 21. Responses related to why equipment/analyses/tests/etc. are not required are not appropriate for inclusion into FSAR text. Group: 4 FSAR Change Request Number: 92-578 Related SER Section: 10.4.7; SSER21 10.4.7 SER/SSER Impact: No
Q&R 210-10	Description: (Q&R Incorporation) Adds note indicating that the response to this Q&R will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: The response to Q210.7 is specific to information relating to plant procedures for the then ongoing (but now historical) piping stress reanalysis being performed by Stone & Webster. Since this information is specific to a subject which is now historical and no longer relevant, it is not appropriate for inclusion into the FSAR text. Group: 4 FSAR Change Request Number: 92-580 SER/SSER Impact: No

FSAR Page (as amended)	Description
Q&R 210-11	Description: (Q&R Incorporation) Deletes response to Q210.008 and adds reference to the FSAR section where the information contained in the response is located. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-581 Related SER Section: 3.6.2; SSER22 3.6.2 SER/SSER Impact: No
Q&R 210-13	Description: (Q&R Incorporation) Adds note indicating that the response to Q&R210.009 will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: See justification provided for Q&R page 210-1. Group: 4 FSAR Change Request Number: 92-582 Related SSER Section: SSER21 3.6.2 SER/SSER Impact: No
Q&R 210-14	Description: (Q&R Incorporation) Adds note indicating that the response to Q&R210.010 will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: See justification provided for Q&R page 210-1. Group: 4 FSAR Change Request Number: 92-583 Related SSER Section: SSER21 3.6.2 SER/SSER Impact: No
Q&R 212-154	Description: (Q&R Incorporation) Adds note indicating that the response to Q212.089 will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: The response only corrects an NRC misinterpretation of two unrelated steam pressure drops in two FSAR sections. Group: 4 FSAR Change Request Number: 92-058 SER/SSER Impact: No
Q&R 212-212	Description: (Q&R Incorporation) Deletes response to Q212.169 and adds reference to the FSAR section where the information contained in the response is located. Justification: Q&R relocation is being performed to prepare the FSAR

FSAR Page (as amended)	Description
	for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-206 Related SER Section: 10.3.1 SER/SSER Impact: No
Q&R 331-1, 2	See Page No(s):03 thru 10 Description: (Q&R Incorporation) Deletes outdated information and adds note indicating that other information will not be incorporated into the Updated Safety Analysis Report (USAR). Also adds reference to FSAR text location containing the current relevant information. Justification: The information requested related to ALARA design review process. Specifically: Item a. requested the title of individuals responsible for ALARA design review. That information is now deleted since the information is outdated and no longer relevant. A reference is provided to existing FSAR text which contains current relevant information. Item b. requested information related to radiation protection personnel involved the design reviews. The existing response is deleted because it is dated and no longer relevant. A reference is provided to FSAR text relating to personnel involved in ALARA design review. Item c requests procedures for assuring adequate ALARA reviews. This response is also dated and is deleted. A reference is provided to FSAR text which provides the current related information. Item d requests examples of dose reducing changes resulting from ALARA design reviews. A reference is provided to the text section where one of the examples mentioned is listed. The remaining examples will not be relocated to the FSAR text since the information is more detailed than is necessary for this section. The specific examples provided are only part of the changes made as a result of the radiation protection design reviews. The referenced FSAR Section (12.1.2) provides the design considerations for ensuring ALARA occupational exposures. Group: 4 FSAR Change Request Number: 92-282 Related SER Section: 12.1.2 SER/SSER Impact: No
Q&R 331-12	Description: (Q&R Incorporation) Delete response to Q&R 331.3 and add reference to FSAR Sections 12.4.3 and 12.4.4.2. Justification: This is an editorial change to ready the Q&R Section

FSAR Page (as amended)	Description
	for deletion when the updated FSAR is prepared. Group: 4 FSAR Change Request Number: 92-284.1 Related SER Section: 12.4 SER/SSER Impact: No
Q&R 421-10	Description: (Q&R Incorporation) Deletes response to Q421.018 and adds reference to the FSAR section where the information contained in the response is located. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-502 Related SER Section: 17.1 SER/SSER Impact: No
Q&R 422-9	Description: (Q&R Incorporation) Adds note indicating that the response to this Q&R will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: The information provided in this response was provided as a point-in-time description of individual position assignments with resumes. It was only current as of Amendment 76 and was not expected to be maintained current. The information will therefore not be added to the FSAR text. Individuals in positions where resumes are required to be maintained are located in Appendix 13.1A. Group: 4 FSAR Change Request Number: 92-256 Related SER Section: 13.1 SER/SSER Impact: No
Q&R 422-10	Description: (Q&R Incorporation) Adds note indicating that the response to this Q&R will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: The information provided in this response was provided as a point-in-time discussion of engineering assignments. The response provided only general information and is not appropriate for inclusion into the FSAR text. Group: 4 FSAR Change Request Number: 92-461 Related SER Section: 13.1 SER/SSER Impact: No

FSAR Page (as amended)	Description
Q&R 422-11	Description: (Q&R Incorporation) Adds note indicating that the response to this Q&R will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: The information provided in this response was provided as a point-in-time discussion of engineering assignments. The response provided only general information and is not appropriate for inclusion into the FSAR text. Group: 4 FSAR Change Request Number: 92-552 Related SER Section: 13.1 SER/SSER Impact: No
Q&R 422-12	Description: (Q&R Incorporation) Deletes response to Q422.005 and adds reference to the FSAR sections where the current information requested by the NRC question is located. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). The maintenance organization has been revised since the response was provided. The updated organizational responsibilities are now referenced. Group: 4 FSAR Change Request Number: 92-008 Related SER Section: 13.1 SER/SSER Impact: No
Q&R 422-17	Description: (Q&R Incorporation) Adds note indicating that the response to item 2 of Q&R 422.9 will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: Item 2 response updated a previously provided response indicating that organizational changes had eliminated the position of Chemistry and Health Physics Engineer. The response referenced an FSAR text section where the qualification requirements for the Radiation Protection Manager (the subject of the NRC's concern in this Q&R) are met. Since this information is already in the FSAR text, the remaining clarifying portion of the response to item need not be incorporated. Group: 4 FSAR Change Request Number: 92-015 Related SER Section: 13.1 SER/SSER Impact: No

FSAR Page (as amended)	Description
Q&R 422-19	Description: (Q&R Incorporation) Adds note indicating that the response to this Q&R will not be incorporated into the Updated Safety Analysis Report (USAR). Justification The information provided in this response was provided as a point-in-time discussion of licenced operator manning levels. The response indicated that the information was current as of Amendment 76 and would not be updated unless specifically requested. The response will therefore not be included in the FSAR text. Group: 4 FSAR Change Request Number: 92-527 Related SER Section: 13.1 SER/SSER Impact: No
Q&R 422-20	Description: (Q&R Incorporation) Adds note indicating that the response to this Q&R will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: Q&Rs 422.11, 12, 13, 14 and 15 relate to a 1983 (now historical) submittal concerning the CPSES Procedures Generation Package (PGP). The information provided in the submittal was part of an ongoing NRC review under TMI I.C.1 (and later under I.D.1). The review involved multiple submittals and the information contained was referenced in SSERs 6, 12 and finally closed in SSER 22. Due to the ongoing and preliminary nature of the information provided in the 1983 submittal (the subject of the Q&Rs) it is not suitable for incorporation into the FSAR text for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-492 Related SER Section: 22; SSER22 22 SER/SSER Impact: No
Q&R 422-23	Description: (Q&R Incorporation) Adds note indicating that the response to this Q&R will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: See justification provided for page 422-20. Group: 4 FSAR Change Request Number: 92-569 Related SER Section: 22; SSER22 22 SER/SSER Impact: No

FSAR Page (as amended)	Description
Q&R 422-24	Description: (Q&R Incorporation) Adds note indicating that the response to this Q&R will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: See justification provided for page 422-20. Group: 4 FSAR Change Request Number: 92-570 Related SER Section: 22; SSER22 22 SER/SSER Impact: No
Q&R 422-26	Description: (Q&R Incorporation) Adds note indicating that the response to this Q&R will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: See justification provided for page 422-20. Group: 4 FSAR Change Request Number: 92-571 Related SER Section: 22; SSER22 22 SER/SSER Impact: No
Q&R 422-28	Description: (Q&R Incorporation) Adds note indicating that the response to this Q&R will not be incorporated into the Updated Safety Analysis Report (USAR). Justification: See justification provided for page 422-20. Group: 4 FSAR Change Request Number: 92-572 Related SER Section: 22; SSER22 22 SER/SSER Impact: No
Q&R 441-1	Description: (Q&R Incorporation) Deletes response to Q441.001 and adds reference to the FSAR sections where the information contained in the response is located. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-567 Related SER Section: 13.1 SER/SSER Impact: No
Q&R 441-2	Description: (Q&R Incorporation) Deletes response to Q441.002 and adds reference to the FSAR section where the information contained in the response has been relocated. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR).

FSAR Page (as amended)	Description
	Group: 4 FSAR Change Request Number: 92-553 Related SER Section: 13.1 SER/SSER Impact: No
Q&R 441-3	Description: (Q&R Incorporation) Deletes response to Q441.003 and adds reference to the FSAR section where the information contained in the response has been relocated. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-554 Related SER Section: 13.1 SER/SSER Impact: No
Q&R 441-4	Description: (Q&R Incorporation) Deletes response to Q441.004 and adds reference to the FSAR section where the information contained in the response is located. Justification: Q&R relocation is being performed to prepare the FSAR for the Updated Safety Analysis Report (USAR). Group: 4 FSAR Change Request Number: 92-555 Related SER Section: 13.1 SER/SSER Impact: No