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MIDDLE SOUTH UTILITIES SYSTEM

December 14, 1984

W3P84-3459
3-A1.16.07
3-A1.10
3-A1.01.04
A4.05

Director of Nuclear Reactor Regulation
Attention: Mr. G. W. Knighton
Licensing Branch No. 3
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

SUBJECT: Waterford 3 SES
Docket No. 50-382
Outstanding Changes to the Waterford 3 FSAR

Dear Mr. Knighton:

Per our discussion of December 12, 1984, this letter provides a compilation of FSAR changes intended for inclusion in the Final Updated SAR in accordance with 10 CFR 50.71(e). These changes stem from correspondence between the Nuclear Regulatory Commission and Louisiana Power & Light and/or reviews resulting from the same, from design changes implemented since Amendment 36 to the Waterford 3 FSAR was docketed, and from administrative reviews of the FSAR and affecting documents. It should be noted that drawing updates which are routinely reviewed and processed per our procedures are not necessarily reflected by this letter. These drawing updates, and the changes identified in this letter shall be included in the FSAR per the requirements of 10 CFR 50.71(e).

Attachment I to this letter identifies the above mentioned changes including the FSAR section impacted, the reason for or source of the change, and a brief description of the change. Additional information pertaining to these changes can be obtained via the referenced source documents.

If you have any questions regarding this transmittal or require additional information, please contact me.

Sincerely,

K. W. Cook
Nuclear Support & Licensing Manager

KWC/RAS/plc

Attachment

cc: E. L. Blake, W. M. Stevenson, R. D. Martin, D. M. Crutchfield, J. Wilson, G. L. Constable

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Outstanding FSAR Changes Previously Identified to the NRC

FSAR Section, Table, and/or Figure	Reason for/Source of Change	Description of Change
Section 2.5.4.5.3.3	CAT Audit	Delete "prior to placement" when discussing inspections of the backfill.
Table 6.2-32 Section 6.2-4 Table 7.3-5 Section 9.2.2.2.1 Table 9.2-2 Table 9.2-5 Table 9.3-1a Figure 010.17-1 Question 480.44	W3P84-0405 (Includes proposed changes and safety evaluations)	Changes to the Waterford 3 Component Cooling Water System. The objective of these changes is to ensure the availability of CCW to the Reactor Coolant Pump seal coolers in the event of an inadvertent Safety Injection Actuation Signal as well as for certain non-LOCA depressurization events addressed in Generic Letter 83-10a.
Table 8.3-2	SCD-116	Change Frequency regulation of the Station Uninterruptible Power Supplies from ±0.5 to ±1.3.
Section 9.2.2 Table 9.2-3	IE Inspection Report 84-12	Correlate Component Cooling Water and Auxiliary Component Cooling Water flow rates stated in FSAR with actual test results for HPSI, LPSI, Shutdown Heat Exchanger, and Sample Cooler.
Section 13.1.1	W3P84-3090	Realignment of Nuclear Operations Organization Technical and Administrative Support Functions as described in the FSAR.
Section 14.2.12.2	W3P84-3247 W3P84-1607 W3P84-1353	Clarifications to Chapter 14, Section 14.2, Preoperational Testing and Phase III Test Program.
Question 040.9 Question 211.94	Appendix R Review	Removal of inconsistencies between responses and to reflect the as-built condition.
Emergency Plan Appendix K	W3P84-3311	Update description of the Waterford 3 Emergency Alert Notification System.
Section 3.2.2	W3P84-3458 ASME Section III Winter 1981 Addenda	FSAR change to reflect commitment to Winter 1981 addenda instead of Winter 1972 addenda.

FSAR Section, Table, and/or Figure	Reason for/Source of Change	Description of Change
Section 12.3A.3.1	DCN-NY-AS-318 (Design Change) FSAR Commitment	Installation of new shield walls due to TMI Shielding Study.
Section 9.4	SMP-84-117	Welding of Fuel Handling Building Gates.
Figure 7.3-12	SMP-84-431	Changes to EFAS setpoints.
Section 7.6.1.2.2b	As-built condition	As-built condition of pressurizer pressure measurement channel output relays function due to loss of power supply.
Section 14.2.12.2.17.3	CIWA-841774	Administrative corrections pertaining to Emergency Diesel Generator Testing.
Table 15.1-1 Table 15.1-12 Table 15.1-13 Table 15.1-14 Table 15.2-10 Section 15.1.1.3	C-CE-9125 (CE letter to LP&L)	Changes to Chapter 13 Safety Analyses to accurately reflect the Technical Specifications.
Figure 5.4-7	C-CE-9262 (CE letter to LP&L)	Correct figure to accurately reflect Pressurizer Level Control Program.
Section 9.2.2.2.1 Section 9.2.2.2	Administrative Change	Delete "nitrite based" in both sections due to industry problems with nitrites present on Radwaste Demin resins.
Section 9.5.1 (Fire Protection Plan)	Spurious Signals Analysis	Rework, if any, required by spurious signals analysis requires changes to control room design assumptions.
Section 9.5.2.2.1	Engineering Change	To reflect the as-built condition.

FSAR Section, Table, and/or Figure	Reason for/Source of Change	Description of Change
Section 10.4.9B	Engineering Change	To correctly state that the EFW pumps are manually started by a knob switch not a pushbutton switch.
Figure 2.2-3 Figure 2.2-3a Table 2.2-6	Engineering Change	To reflect information received from latest survey.
Q211.91	Engineering Change	To provide information on the B & B Fire Wrap inside containment.
Figure 5.4-7	CE letter C-CE-9262 dated 8/31/84	F3.8-47 - Example B not drawn correctly. S.9.3 - Valves have ISI instead of correct ISI designator (typo) Q211.77 - Correction on how sump pumps (non-safety) operate.
Section 9.2	Post submittal review of FSAR Amendment 36	Typo - boric acid not basic acid.
Section 9.5.1	Post submittal review of FSAR Amendment 36	In Fire Area CT1, some walls are reinforced. Concrete and Metal Siding. Metal Siding inadvertently left out.
Section 9.5.1	Engineering Change	Miscellaneous changes to reflect as-built conditions.
Table 7.3-17	Post submittal review of FSAR Amendment 35	To reflect the as-built locations.
Section 7.4.1.5 Section 9.5A Table 9.5A-2C	SMP 84-323	Addition of transfer switches and addition of isolation panels per Appendix R requirements.

FSAR Section, Table, and/or Figure	Reason for/Source of Change	Description of Change
Table 8.3-1 Figure 8.3-25 Figure 8.3-26 Figure 8.3-27 Figure 8.3-27a Figure 8.3-27b	Engineering Change	To reflect the as-built condition.
Section 6.4.2.2	Engineering Change	To reflect the actual valve closing times from 5 seconds to less than 3 seconds or less than 5 seconds.
Table 3.8-34	Engineering Change	To reflect the as-built condition.
Section 6.4.4.2	Engineering Change	To reflect the as-built condition.
Section 7.7.1.9	Engineering Change	Deletion of use of the Megawatt Demand Setter System. (non-safety)
Table 10.4.9B-2	Engineering Change	To make consistent with the EFW flow rates described in the FSAR.
Figure 6.4-4	Engineering Change	To reflect the as-built condition.
Figure 3.6A-9	Post submittal review of FSAR Amendment 35	Restraint inadvertently deleted.
Section 10.2.3.6	Engineering Change	To reflect the actual valve testing frequency.
Section 7.3	Engineering Change	To describe how the EFW system is controlled if SIAS is actuated.
Section 10.4.9B	Engineering Change	To make consistent with the EFW flow rates described in the FSAR.

FSAR Section, Table, and/or Figure	Reason for/Source of Change	Description of Change
Table 9.5A-3A Table 9.5A-3B Table 9.5A-4 Figure 9.5A-23 Figure 9.5A-26	SMP 84-538	Rerouting of safe shutdown cables outside of cable vault.
Table 3.2-1	SMP 84-584	RAB decontamination room liners and spray wash booth are considered non-safety.
Section 2.2	W3P83-2540	Include results of hazardous materials survey in FSAR.
Table 1.7	W3P83-3938	Update table to indicate drawing revisions.