

**SNUPPS**

Standardized Nuclear Unit  
Power Plant System

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Executive Director

June 26, 1984

SLNRC            84-0095            FILE: 0541  
SUBJ:            Revision Fifteen to SNUPPS  
                    FSAR

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

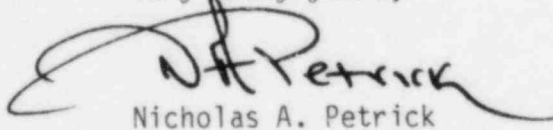
Docket Nos: STN 50-482 and STN 50-483

Dear Mr. Denton:

Forwarded herewith are seventy-five (75) copies of Revision 15 to the Standardized Nuclear Unit Power Plant System (SNUPPS) FSAR. This revision will be incorporated into the applications of the above dockets by amendments submitted by Kansas Gas and Electric Company and Union Electric Company.

The revision includes only changes consistent with the basis for issuance of the Callaway license. The non-editorial changes incorporate previous correspondence, provide as-built design data and ensure consistency with the final Technical Specifications. The changes which are included in this revision are summarized in the enclosure.

Very truly yours,



Nicholas A. Petrick

SLA/nld4a12

Enclosure: Summary of Changes

Attachment: Revision 15 to SNUPPS FSAR

|                      |        |               |            |
|----------------------|--------|---------------|------------|
| cc: G. L. Koester    | KGE    | H. Bundy      | KGE/WC     |
| D. T. McPhee         | KCPL   | B. L. Forney  | USNRC/RIII |
| D. F. Schnell        | UE     | E. H. Johnson | USNRC/RIV  |
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Summary of SNUPPS FSAR Revision 15 Changes

General

FSAR Revision 15 includes changes to incorporate previous correspondence, provide as-built design data, and ensure consistency with the final Technical Specifications.

Specific

1. Diesel generator start time - FSAR changes from SLNRC 84-69 addressing analysis of a 12 second diesel generator start time are incorporated.
2. Chapter 15 analysis - Figures inadvertently omitted from Revision 14 as documented in SLNRC 84-60 are provided in addition to the diesel generator start time update (above) and minor corrections.
3. Preservice inspection program - This change updates the FSAR to reflect SNUPPS commitment to Regulatory Guide 1.150 for reactor pressure vessel examination and to ASME Section XI, 1977 Edition with addenda through Summer, 1978 for examination, inspection, and acceptance criteria (these commitments were documented in the Program Plan reviewed by the staff).
4. IDI findings - The technical bases for closeout of auxiliary feed-water findings 2-1 and 2-7 from the NRC's IDI at Callaway are incorporated as requested by the staff.
5. Seismic design - As-built seismic design information is incorporated in Section 3.7(B).
6. Equipment qualification - Sections on equipment qualification (3.9, 3.10(N), 3.11 and 3A) are updated to reflect recent correspondence, particularly SLNRC 84-13 (the SNUPPS NUREG-0588 submittal, revision 2).
7. Active pumps and valves - Tables of balance of plant active pumps and valves are provided as requested by the staff; inconsistencies in the corresponding NSSS tables are corrected.
8. Feedwater heaters out-of-service transient - Addition of this transient to the design requirements in Section 3.9(N) corrects an oversight in the FSAR documentation.
9. Fire protection - Numerous changes complete the documentation of design implementation (as-built description), incorporate agreed responses to the NRC audit at Wolf Creek, and ensure consistency with the response to question 430.6.
10. Radiation monitoring alarms - Alarm information in Chapters 11 and 12 is updated in preparation for operation to be consistent with Technical Specifications, with the respective Offsite Dose Calculation Manuals, and with commitments to the NRC.

11. Chapter 14 - Test program updates, transmitted for review in previous correspondence (SLNRC 84-75, 84-81, 84-83 and ULNRC-834), are incorporated as approved by the staff (note: a portion of ULNRC-834 was disapproved and will not be incorporated in the Callaway Site Addendum).
12. Technical Specification consistency - Minor inconsistencies between the FSAR and the approved Technical Specifications are corrected (e.g., overtemperature delta-T equation, accumulator check valve testing, condensate storage tank capacity).
13. Resolve test discrepancies - Numerous minor updates correct discrepancies identified during conduct of the start-up test program (e.g., disposition of Startup Field Reports).
14. System descriptions - Minor updates to system descriptions are incorporated to reflect the as-built design (e.g., Sections 9.3.1 and 9.4.1 ).
15. Correction of errors - Miscellaneous corrections include restoring Sections 9.1.4.4 and 9.1.4.5 which had been inadvertently deleted.
16. Close-out of commitments - Numerous FSAR commitments had been closed and the text was revised accordingly (e.g., responses to Q220.1 and 331.3).
17. Incorporation of correspondence - Miscellaneous changes committed in previous correspondence are incorporated (e.g., sensor response time testing from SLNRC 84-35, pressure test after tube plugging from ULNRC-791).