

ENCLOSURE 5

DIESEL GENERATOR BUILDING

Diesel Generator Building repair to include:

- a. Crack mapping to locate all accessible cracks 20 mils or larger in the interior and exterior surfaces of reinforced concrete structural walls and cracks below permanent water table in the interior surfaces of walls which exhibit weeping characteristics.
- b. Repair of cracks identified in (a) and application of sealant to the wall.

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ENCLOSURE 6

BASIS FOR STAFF CONCURRENCE FOR START OF PHASE 2

1. Letter to R Vollmer from R T Hamilton, dated July 8, 1975, transmitting Bechtel quality assurance topical BQ-TOP-1, Revision 1A
2. Letter to H R Denton from J W Cook, dated September 30, 1982, submitting the Auxiliary Building Dynamic Model, Technical Report on Underpinning the Auxiliary Building and Feedwater Isolation Valve Pits
3. Letter to H R Denton from J W Cook, dated November 16, 1981, on Response to the NRC Staff Request for Additional Information Pertaining to the Proposed Underpinning of the Auxiliary Building and Feedwater Isolation Valve Pits
4. Hearing testimony by CPC witnesses (Johnson, Burke, Gould, Corley and Sozen) on remedial underpinning work for the Midland Auxiliary Building, November 19, 1981
5. Hearing testimony of D Hood, J Kane and H Singh concerning the Remedial Underpinning of the Auxiliary Building Area, dated November 20, 1981
6. Hearing testimony of F Rinaldi, dated November 20, 1981
7. Letter to H R Denton from J W cook, dated November 24, 1981 on Test Results, Auxiliary Building, Part 2, Soil Boring and Testing Program
8. Letter to H R Denton from J W Cook, dated December 3, 1981, with Addendum to Technical Report on Underpinning the Auxiliary Building and Feedwater Isolation Valve Pits
9. Letter to H R Denton from J W Cook, dated January 6, 1982, on Auxiliary Building Underpinning - Freezewayl; Effects of Freezewayl on Utilities and Structures
10. Letter to H Denton and J Keppler from J W Cook, dated January 7, 1982, transmitting general Quality Plan for Underpinning Activities and Quality Plans and Q-listed activities for SWPS and Auxiliary Building Underpinning
11. Design audits of January 18-20, 1982 (Summary dated March 10, 1982); February 1-5, 1982; March 16-19, 1982; and meeting of February 23-26, 1982, (Summary dated March 12, 1982)
12. Letter to H R Denton from J W Cook, dated February 4, 1982, on Auxiliary Building Access Shaft - Augering Method for Soldier Pile Holes
13. Letter to J W Cook from R L Tedesco, dated February 12, 1982, on Staff Concurrence for Activation of Freezewayl
14. Letter to H R Denton from J W Cook, dated March 10, 1982, on Protection of Excavation Face - Auxiliary Building Underpinning Shaft .

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15. Summary of March 8, 1982 Telephone Conversation regarding Soil Spring Stiffnesses for Auxiliary Building Underpinning and Phase II Construction, dated March 11, 1982
16. Letter to H R Denton from J W Cook, dated March 31, 1982, on Response to the NRC Staff Request for Additional Information Required for Completion of Staff review of Phases 2 and 3 of the Underpinning of the Auxiliary Building and Feedwater Isolation Valve Pits
17. Letter to J Keppler from J W Cook, dated April 5, 1982, describing Quality Assurance for Remedial Foundation Work
18. Letter to H Denton from J W Cook, dated April 26, 1982, transmitting quality assurance topical CPC-1-A, Revision 12

*Note: This is the same list as Enclosure 1 to the May 25, 1982 letter from Eisenhut to Cook, "Completion of Soils Remedial Activities Review."

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ENCLOSURE 7

REFERENCES FOR REMAINING REMEDIAL SOILS WORK

1. Letter to J W Cook from R L Tedesco, dated March 26, 1982, "Staff Concurrence for Grouting of Cracks in Concrete Foundation of BWST"
2. Letter to H R Denton from J W Cook, Serial 16597 dated March 31, 1982, "Response to the NRC Staff Request for Additional Information Required for Completion of Staff Review of Phases 2 and 3 of the Underpinning of the Auxiliary Building and FIVP"
3. Letter to J W Cook from R L Tedesco, dated April 2, 1982, "Staff Concurrence for Installation and Operation of Construction Dewatering and Observation Wells for the SWPS"
4. Letter to H R Denton from J W Cook, Serial 16629 dated April 19, 1982, "Summary of Soils-Related Issues at the Midland Nuclear Plant (ACRS)"
5. Letter to H R Denton from J W Cook, Serial 16656 dated April 22, 1982, "Response to NRC Staff Request for Additional Information Required for Completion of Staff Review of BWST and Underpinning of SWPS"
6. Letter to J G Keppler/H R Denton from J W Cook, Serial 16172 dated April 23, 1982, "BWST Foundation OL Design Calculations"
7. Letter to H R Denton from J W Cook, Serial 16884 dated April 30, 1982, "Effects of Cracks on Serviceability of Concrete Structures and Repair of Cracks"
8. Letter to H R Denton from J W Cook, Serial 17225 dated May 14, 1982, "Response to NRC Staff Request for Additional Information Required for Completion of Staff Review of Underpinning of Auxiliary Building"
9. Letter to J W Cook from D G Eisenhut, dated May 25, 1982, "Completion of Soils Remedial Activities Review"
10. Letter to J W Cook from E G Adensam, dated May 26, 1982, "Issuance of Amendments No 3 to Construction Permits - Midland Plant, Units 1 and 2"
11. Letter to H R Denton from J W Cook, Serial 17228 dated June 1, 1982, "Response to the NRC Staff Request for Settlement-Related Analyses for the Diesel Generator Building"
12. Letter to H R Denton from J W Cook, Serial 17304 dated June 7, 1982, "Additional Information on Soils Remedial Action at Midland"
13. Letter to J W Cook from R L Tedesco, dated June 11, 1982, "Transmittal of ACRS Interim Report"

14. Letter to H R Denton from J W Cook, Serial 17319 dated June 14, 1982, "Response to NRC Staff Request for Additional Information Required for Completion of Staff Review of Soils Remedial Work"
15. Letter to H R Denton from R B DeWitt, Serial 17320 dated June 14, 1982, "Relationship of Observed Concrete Crack Widths and Spacing to Reinforcement Residual Stresses"
16. Memo from D S Hood, dated July 19, 1982, Summarizing the June 25, 1982, "Meeting on Soils Related Request for Information"

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