



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

MAR 13 1981



Docket Nos.: 50-329/330

MEMORANDUM FOR: File

FROM: D. Hood

SUBJECT: FEBRUARY 27, 1981 TELECON REGARDING CHANGES IN REMEDIAL  
ACTIONS FOR MIDLAND SOIL SETTLEMENT

At 11:15 a.m. on February 27, 1981, Messrs. J. Cook, G. Keeley, and others of Consumers Power Company called Messrs. R. Vollmer, F. Miraglia (Acting for R. Tedesco), H. Levin, and D. Hood of NRC to report certain decisions and changes intended to expedite resolution of the soil matter on Midland Plant, Units 1 and 2.

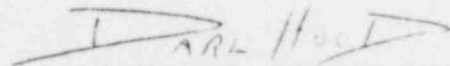
- (1) Mr. Cook has today authorized all borings, exploration and testing requested by the Staff's letter of June 30, 1980, Request 37, as subsequently amended by R. Tedesco letter. The Staff and the Corps of Engineers will be invited to participate as requested in the staff letter. Samples will be sent to an independent laboratory and results of analyses will be provided to the Staff.
- (2) For the Diesel Generator Building, the program will measure the pre-consolidation pressure of the boring sample and this will be correlated by analysis to what the surcharge program should have done. An error analysis of the uncertainty of this empirical data associated with borings will also be provided. Consumers would appreciate an opportunity to discuss these results with the staff prior to conclusion of the staff review.
- (3) The proposed remedial action for the Service Water Building has been changed. The use of piles has been dropped and a Bin Wall concept (essentially an extension of the entire North wall down to till) will be adopted. Underpinning was found to provide little seismic margin. A conceptual design package, including seismic discussions, will be presented for the new fix the first week in April.
- (4) The fix for the Aux. Bldg. remains the same, however more caissons might possibly be added if found to be needed. Other possibilities for lateral loads are being reviewed in the event such should be needed. A potential 50.55(e) report on the Aux. Bldg. seismic analysis was issued February 20, 1981.

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- (5) The drilling of wells for the permanent dewatering system may prove to be a pacing schedule item if a lengthy hearing results. Mr. Cook would like to explore with the Staff the possibility that the drilling of these wells might be acceptable to the staff prior to completion of the hearing. Mr. Cook noted that wells can always be plugged if necessary at some later date.
- (6) Two reports by Weston Geophysical, one for the seismic response spectra at the original ground surface and another on the probabilistic seismic hazards study will be forwarded March 2, 1981. A third report, covering the response spectra at the top of the fill will be forwarded later. A meeting on the first two reports is requested.
- (7) A 50.55(e) report on the BWST cracks was issued February 20, 1981. Five options are being considered at this time.



Darl Hood, Project Manager  
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