



**Consumers
Power
Company**

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Midland Project Office

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July 26, 1984

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Mr John J Harrison, Chief
Midland Project Section
U S Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

MIDLAND ENERGY CENTER
MIDLAND DOCKET NOS 50-329, 50-330
REMEDIAL SOILS WORK SUSPENSION
FILE 0485.16 SERIAL CSC-7997

The following list of work activities has been compiled representing necessary tasks to halt the remedial soils work in progress and leave the work in a safe layup condition. This list has been discussed with Region III personnel and updates of these stop work activities will be provided to the Region on a regular basis.

1. All jacks will be locked off, jackstand wedges will be driven tight, and wedges will be checked periodically. The jacks will be left in the jackstand.
2. Auxiliary Building excavations will be secured in the following manner:
 - a. The drift in progress to CT 5/8 will be filled with lean flyash grout.
 - b. The finger drifts in progress to E/W3 will be filled with lean flyash grout.
 - c. The pier excavation for W17 and drift expansion for E17 will be filled with lean flyash grout.
 - d. The slopes of the Y3/Z3 excavation will be stabilized with soil stabilization grout.
 - e. The sides of the long drifts on Kc line will be injected with soil stabilization grout.
 - f. The sides of the E/W8, E/W5 grillage drifts, as well as E/W5 drop pit will be injected with soil stabilization grout.

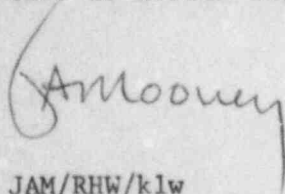
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- g. All backpacking will be given a final check prior to contractor demobilization.
3. The horizontal drains in the Auxiliary Building Control Tower area will be prepared for pumping capability and BB2 will be prepared for use as an observation well.
 4. The cooling pond will be drained.
 5. The freezeway will be deactivated, after the pond draining commences, and headers and plant will be removed. The freeze elements will be flushed and capped.
 6. The temporary dewatering system will be deactivated and plant, pumps, and headers removed. Casings will be left ungrouted and capped. The permanent wells will be activated to provide dewatering capability as needed during the pond water level lowering.
 7. For the Auxiliary Building, CPCo will take over building instrumentation monitoring from Wiss, Janney, Elstner. The monitoring requirements during shutdown are being included in a specification.
 8. For the Auxiliary Building, a technical assistance contract will be written between Mergentime and CPCo to perform maintenance jacking as required. A specification giving the criteria for re-jacking is being prepared.
 9. The east and west access shaft inverters will be capped with a concrete mudmat at approximately el. 591'6". Sumps will be constructed to remove water collection. Also, curbs will be provided to prevent water collection in the E/W16 drop pits. (Sump pumps will be installed at this time.)
 10. Security fences will be provided around the east and west access shafts.
 11. The Service Water Pump System (SWPS) access shaft will be filled with flyash grout.
 12. All open excavations in the yard will be filled and designated as temporary fill areas.

Some of the listed activities have been accomplished, per discussions between R. Wieland of CPCo and Dr. R. Landsman of NRC Region III following the project shutdown. We request NRC authorization to complete the soils shutdown activities as herein stated.


JAM/RHW/klw

CC Administrator, Region III
DSHood, NRR Project Manager, Washington
Midland Project Manager, Region III
Midland Resident Inspector, Midland

CONSUMERS POWER COMPANY
Midland Units 1 and 2
Docket No 50-329, 50-330

Letter Serial CSC-7997 Dated July 26, 1984

At the request of the Commission and pursuant to the Atomic Energy Act of 1954, and the Energy Reorganization Act of 1974, as amended and the Commission's Rules and Regulations thereunder, Consumers Power Company submits Remedial Soils Work Suspension Authorization.

CONSUMERS POWER COMPANY

By *J. Mooney*
James A. Mooney,
Executive Manager

Sworn and subscribed before me this 26th day of July, 1984.

Patricia A. Puffer
Notary Public
Bay County, Michigan

My Commission Expires 3-4-86