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

APR 1 1980

Docket Nos.: 50-329/330

Mr. S. H. Howell
Vice President
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Dear Mr. Howell:

SUBJECT: REQUEST FOR REPORTS, DRAWINGS AND OTHER INFORMATION REGARDING PLANT
FILL SETTLEMENT AND EFFECTS

As indicated in previous correspondence and our meeting with your staff on February 27 and 28, 1980, the NRC staff reviews of the adequacy of the backfill soils, settlement effects and associated remedial actions are proceeding with the support of three outside organizations or agencies: the U. S. Army Corps of Engineers, the U. S. Naval Surface Weapons Center, and the Energy Technology Engineering Center. In order that they may perform the independent assessments of these areas as we have requested, we and they require detailed reports and drawings on these matters.

Drawings

Our review of the "Drawing Summary" in Management Corrective Action Request 24 indicates that several of the 91 drawings listed in Interim Report 8 are not included with the compilation of reports forwarded by your letter of February 11, 1980 as the volume entitled "10 CFR 50.55(e), Interim Reports, Settlement of Diesel Generator Foundations and Building." Some of the drawings listed in the summary are noted to be replaced by other drawings, and overlaps in drawings occur with the successive updating of the list from one interim report to the next. Notwithstanding this replacement and overlap, some drawings are not provided. We request that you amend this volume to include all missing drawings and to provide an index table specifying the location of each drawing.

Reports

We request that you provide 40 copies of all reports, including meeting summaries and other written communications, with or by consultants who have performed investigations or tests or made recommendations regarding the supporting soils or remedial measures for structures and utilities located on or in questionable materials. An example of the reports needed is provided by Enclosure 1 which lists a few of the reports by Bechtel and

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by Bechtel's consultant, Goldberg-Zonino-Dunncliff. The list is not intended to be complete nor to identify all consultants involved. Rather, it is intended to illustrate the level of technical detail needed. We request that you include our consultants for direct receipt of a set of these documents.

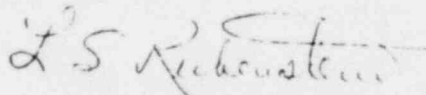
Other Information

We require information detailing the installation of each piezometer used to monitor pore water pressures during the surcharging program. This should include the type and actual elevations of the installed piezometers, the types of backfill material placed and their extent in the drilled hole.

We also require a description of the services to be performed by consultants R. B. Peck, A. J. Hendron, Jr., C. H. Gould and M. T. Davison. This description should identify the extent of the continued involvement of these consultants in overseeing the remedial construction operations and in evaluating the success of the completed fixes intended to provide stable foundations for the various structures.

We would appreciate receipt of the above documents, drawings and information within 20 days of receipt of this letter. Please advise us within 7 days if you will meet this schedule so that we may adjust our review schedules accordingly.

Sincerely,



L. S. Rubenstein, Acting Chief
Light Water Reactors Branch No. 4
Division of Project Management

Enclosure:
List of Reports

cc w/enclosure:
See next page.

Consumers Power Company

ccs:

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ENCLOSURE 1

Sample Listing of Reports Needed by Staff's Consultants

I. Reports Prepared by Goldberg-Zonino-Dunnicliff

1. Report entitled "Test Pits 1, 2 & 3," dated Feb. 1980
File No. 2190 (Index C-79(Q)-20)
2. Report "Data Summary and Laboratory Procedures," dated Feb. 1980
(Index C-79(Q)-16)
3. Report "Consolidation Tests," dated Feb. 1980
(Index C-79Q-17)
4. Report "Strength Tests," dated Feb. 1980
(Index C-79Q-18)
5. Report "Miscellaneous Tests," dated Feb. 1980
(Index C-79Q-19)
6. "Soil Classification and Moisture Density Relation" dated Feb. 1980
(Index C-79(Q)-21)
7. "Diesel Generator Building Instrumentation," dated October 1979
(Index C-82(Q)-5)
8. "Aquaducer Hose Settlement Gage Instrumentation Manual"
(Index C-79(Q)-4)
9. "Report on Sondex Gages and Borros Anchors"
(Index C-82(Q)-8)
10. "Report on Sondex Gages and Borros Anchors"
(Index C-82(Q)-9)
11. "Procedure for Reading Sondex System"
(Index C-82(Q)-2)
12. "Procedure for Reading Modified Borros Anchors"
(Index C-82(Q)-3)

II. Bechtel Reports

13. "Test Pit 1 Data," dated Sept. 1979 (Index C-79(Q)-10)
14. "Test Pit 2 Data," dated Sept. 1979 (Index C-79(Q)-11)
15. "Test Pit 3 Data," dated Sept. 1979 (Index C-79(Q)-12)
16. "Test Pit 4 Data," dated Sept. 1979 (Index C-79(Q)-13)
17. "Plate Load Test PL-1," dated Sept. 1979 (Index C-79(Q)-14)
18. "Plate Load Test PL-2," dated Sept. 1979 (Index C-79(Q)-15)

19. "Qualification of Compaction Equipment"

20. "Tank Farm Investigation"