

POCKET  
FILES

JUN 9 1978

Docket Nos: 50-329  
50-330

LICENSEE: Consumers Power Company

FACILITY: Midland Plant, Units 1 and 2

SUBJECT: SITE VISITS TO MIDLAND NUCLEAR PLANT AND DOW CHEMICAL FACILITIES

On May 2, 1978 members of the NRC staff and consultants visited the Midland Plant Units 1 and 2 site to observe construction activities in progress. Overall construction for Unit 2 is estimated to be approximately 43% complete and Unit 1 is about 33% complete. Meeting attendees are listed in Enclosure 1.

Setting of the second steam generator for Unit 2 was in progress and was observed. Testing of the lifting rigs had previously been completed and photographic slides of weight lift testing was shown. Setting of the reactor vessel for Unit 2 was scheduled to begin in about two weeks. Thus, setting of the major NSSS components for Unit 2 was observed to be on or ahead of schedule and should be completed by the end of May, 1978. Setting of the steam generators and reactor vessel for Unit 1 was scheduled to begin in about two weeks.

Erection of the turbine generators was observed to be ready to commence within a few days. Bechtel representatives also reported that the plant computers had completed release testing and that the computers were ready for turnover to Consumers Power.

Filling of the discharge pond was observed to be in progress and was within about five feet of completion. A tour along the dikes of the entire pond perimeter was taken.

Consumers Power reported that renegotiation of four of the seven craft union contracts had been completed and accepted. Consumers Power does not anticipate any major problems in completion of the remaining renegotiations.

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A visit to upstream dams was made by members of the Hydrology and Environmental Specialists Branches of the NRC staff and staff consultants. This tour is summarized in Enclosure 2.

The site visit by the Meteorology Section of the NRC staff, originally included, was rescheduled for May 11, 1978. This visit is summarized in Enclosure 3.

On May 3, 1978 members of the NRC staff and Consumers Power were given a tour of the Dow Chemical Midland Facility. This tour included a review of the existing Dow steam production and treatment facilities, and plans for accommodation of process steam from the nuclear plant. Storage facilities for various chemicals at the Dow site were observed. The security and communication system at Dow, which also acts as a control center in the event of inadvertent chemical releases, was observed and includes plans for interaction with the nuclear facilities. The visit also included that portion of the exclusion area common to both Dow Chemical and the nuclear plant sites. It was observed that minimal use of this common area is made by Dow (which includes storage of brine prior to discharge to the tertiary holding pond) and is of a nature that requires only occasional maintenance personnel in the area. Waste treatment facilities of Dow were included in the tour.

Darl Hood, Project Manager  
Light Water Reactors Branch No. 4  
Division of Project Management

Enclosure:  
As stated

cc: See next page

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Docket File  
NRC PDR  
Local PDR  
TIC  
NRR Reading  
LWR #4 File  
E. Case  
R. Boyd  
R. DeYoung  
D. Vassallo  
J. Stolz  
K. Kniel  
O. Parr  
S. Varga  
L. Crocker  
D. Crutchfield  
F. Williams  
R. Mattson  
H. Denton  
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Project Manager: D. Hood  
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ENCLOSURE 1

NRC SITE VISIT  
May 2, 1978

JUN 9 1978

I. Agenda

8:30 - 9:30 Status of Construction (Orientation Room)  
9:30 - 11:00 Group Tours  
Lunch  
12:30 - 3:30 Specific Group Discussions (Conference Rooms)  
3:30 - 4:30 Wrap-up/Exit Meeting (Conference Rooms)

II. Tour Groups

<u>Geotechnical Engineering (Foundation)</u>	<u>Hydrology- Water Use Plant Effluent Chemical</u>	<u>Accident Analysis</u>	<u>RAD Assessment (Exclusion Areas)</u>	<u>Project Management</u>
Beskid Gillen Afifi(B) LeFevre(B) *B.Wheeler(C) D.Anderson(C)	Johnson Beskid(ANL) * Romano * Vaslo (ANL) Anderson(B) Papadakas(B) Wheeler(B) A.Zeitoun(C) JoWildern(C) *D.Sibbald(C)	* Farrell * Campe Patel(B) Prasad(B) Lodwick(B) T.Sullivan(C) Schmidt(NUS) *E.Evans(C) Kowalchuk(C)	* Hinson Prasad(B) Krause(B) W.Strodl(C) T.Sullivan(C) Clements(C) *D.Vokal(C)	* Hood Echols Derickson * J.Zabritski(C) R.Bauman(C) R.Green(C) J.Hurley(B) *B.Peck(C) * Cook Kelley(C)
Vehicle: Operations Blazer	Vehicle: Construction Blazer			

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\* Also attended Dow tour May 3, 1978

Abbreviations:

(B) - Bechtel  
(C) - Consumers Power Company  
(NUS) - N.U.S. Corporation