



Consumers
Power
Company

Donald B Miller, Jr
Site Manager
Midland Project

Midland Project: PO Box 1963, Midland, MI 48640 • (517) 631-8650

50-329

50-330

July 25, 1983

Mr. R. A. Hartfield
Chief, Management Information Branch
Office of Management and Program Analysis
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

PRINCIPAL STAFF	
✓ RA	ENF
D/RA	SCS
A/RA	PAO
OPRP	SLO
DRMA	IRC
DRMSP	
DE	
ML	
OL	FILE

MIDLAND ENERGY CENTER GWO 7020

NRC SCHEDULE

File: 0652 UFI: 53*54 Serial: CSC-6809
70*01

Attached is the July 1, 1983 information for updating the status of Midland Units 1 and 2 of the NRC Yellowbook.

The construction percent is 84% complete for both Units 1 and 2.

DBM/PFS/lrb

DBM/PFS/lrb

Attachment

cc: Mr. James G. Keppler, Regional Director, Region III
Mr. J. J. Harrison, Midland Project Inspector, Region III
Mr. Frederick C. Williams, Isham, Lincoln and Beale, Washington
Mr. Phil Steptoe, Isham, Lincoln & Beale, Chicago

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PDR ADOCK 05000329
R PDR

IED1
AUG 04 1983

MIDLAND 1

CONSTRUCTION STATUS REPORT NUCLEAR POWER PLANTS

PAGE NO: 2-
STATUS AS OF: 6/30/83

CONSTRUCTION STATUS:

APPLICANT'S CURRENT ESTIMATED FUEL LOADING DATE: 2/9/85
 APPLICANT'S PREVIOUS ESTIMATED FUEL LOADING DATE: 11-00-81
 APPLICANT'S ESTIMATED FUEL LOADING DATE AT CP ISSUANCE: 11-00-79
 APPLICANT'S CURRENT ESTIMATED COMMERCIAL OPERATION DATE: 8/9/85*

APPLICANTS CONSTRUCTION COMPLETION ESTIMATE AS
 DEFINED IN CP: (EARLIEST) December 1, 1983
 (LATEST) December 1, 1984

CURRENT ESTIMATED PERCENT CONSTRUCTION COMPLETE: 84%

COMMENTS REGARDING CURRENT CONSTRUCTION STATUS:

	<u>ESTIMATED START</u>	<u>ACTUAL START</u>	<u>ESTIMATED COMPLETION</u>	<u>ACTUAL COMPLETION</u>	<u>ESTIMATED % COMPLETE</u>
MOBILIZE AND PREPARE SITE:		3/73		8/73	100%
PLACE STRUCTURAL CONCRETE:		8/73	**		99%+
INSTALL REACTOR PRESSURE VESSEL:		6/78		8/78	100%
INSTALL LARGE BORE PROCESS PIPE:		7/76	6/84		99%
***INSTALL LARGE BORE PIPE HANGERS, RESTRAINTS AND SNUBBERS:		12/77	6/84		92%
INSTALL SMALL BORE PIPE:		1/77	6/84		96%
INSTALL CABLE TRAY:		4/77	**		99%+
INSTALL EXPOSED METAL CONDUIT:		4/77	7/84		97%
INSTALL POWER, CONTROL, INSTRUMENTATION AND SECURITY CABLE:		11/78	7/84		93%
INSTALL ELECTRICAL TERMINATIONS:		6/78	7/84		82%
CONDUCT REACTOR COLD HYDROSTATIC TEST:	3/84		3/84		
CONDUCT HOT FUNCTIONAL TEST:	7/84		9/84		
CONDUCT PREOP AND ACCEPTANCE TESTS NECESSARY FOR FUEL LOAD:		10/82	2/85		

*Commercial Operation for both process steam and electrical

**Concrete and Cable Tray are 99% complete with minimal remaining to be done as required.

***Percent complete is for large bore hangers. Restraints and snubbers are not included.

**CONSTRUCTION STATUS REPORT
NUCLEAR POWER PLANTS**

MIDLAND 2

PAGE NO: 2-
STATUS AS OF: 6/30/83

PLANT CHARACTERISTICS:

DOCKET NO: 05000330
CP NO. & DATE ISSUED: CPR-82 / 12-14-72
CP EXPIRATION DATE: 07-01-84
APPLICANT: CONSUMERS POWER COMPANY
PLANT LOCATION: Midland, MI 48640
IE REGION: III
AE: BECHTEL
HSSS: BABCOCK & WILCOX
CONSTRUCTOR: BECHTEL
REACTOR TYPE: PWR
DER (MWE): B18

KEY PERSONNEL:

CORPORATE CONTACT: J. W. Cook, Vice President
Projects, Eng & Construction
CORPORATE ADDRESS: 1945 W. Parnall Road
Jackson, MI 49201
CORPORATE PHONE NO: (517) 788-0453
HRC LPM: D. HOOD
IE PRINCIPAL INSPECTOR: R. J. COOK (RESIDENT INSPECTOR)
-CONSTRUCTION:
-TEST AND STARTUP:
IE RESIDENT INSPECTOR:

INSPECTION STATUS:

TIME PERIOD

REPORT NUMBER	BEG DATE OF INSP.	END DATE OF INSP.
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FUEL LOAD DATE CHANGES

AS REPORTED BY UTILITY:

REPORT DATE	NEW SCHEDULE	REASON FOR CHANGE REPORTED BY UTILITY
11-07-74	11-00-79	CONSTRUCTION SCHEDULE STRETCHED OUT TO REDUCE CURRENT CASH OUTFLOW ANNOUNCED BY UTILITY.
01-14-75	11-00-80	CONSTRUCTION SCHEDULE STRETCHED OUT.
09-11-79	06-00-81	DEVELOPMENT OF A TWO UNIT INTEGRATED TEST SCHEDULE.
09-00-80	07-00-83	PROJECT SCHEDULE REEVALUATION INCORPORATING OUTSTANDING LICENSING ISSUES.
03-31-83	10-01-84	PROJECT SCHEDULE RE-EVALUATION AND DEVELOPMENT OF CCP PLAN

LOCAL PUBLIC DOCUMENT ROOM:

GRACE DOW MEMORIAL LIBRARY
1710 W. ST. ANDREWS ROAD
MIDLAND MICHIGAN 48640

CONSTRUCTION STATUS REPORT

PAGE NO: 2-

MIDLAND 1

NUCLEAR POWER PLANTS

STATUS AS OF 6/30/83

PLANT CHARACTERISTICS:

DOCKET NO: 05000329
 CP NO. & DATE ISSUED: CPR-81 / 12-14-72
 CP EXPIRATION DATE: 12-01-84
 APPLICANT: CONSUMERS POWER COMPANY
 PLANT LOCATION: Midland, MI 48640
 IE REGION: III
 AE: BECHTEL
 HSSS: BABCOCK & WILCOX
 CONSTRUCTOR: BECHTEL
 REACTOR TYPE: PWR
 DER (MWE): 492 (4,000,000 Lb/Hr process steam)

KEY PERSONNEL:

CORPORATE CONTACT: J. W. Cook, Vice President
 Projects, Eng & Construction
 CORPORATE ADDRESS: 1945 W. Parnall Road
 Jackson, MI 49201
 CORPORATE PHONE NO: (517) 788-0453
 HRC LPM: D. HOOD
 IE PRINCIPAL INSPECTOR: R. J. COOK (RESIDENT INSPECTOR)
 -CONSTRUCTION:
 -TEST AND STARTUP:
 IE RESIDENT INSPECTOR:

INSPECTION STATUS:

TIME PERIOD

REPORT NUMBER	BEG DATE OF INSP.	END DATE OF INSP.
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FUEL LOAD DATE CHANGES

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11-07-74	11-00-80	CONSTRUCTION SCHEDULE STRETCHOUT TO REDUCE CURRENT CASH OUTFLOW.
01-14-75	11-00-81	CONSTRUCTION SCHEDULE STRETCHED OUT TO REDUCE CURRENT CASH OUTFLOW.
09-00-80	12-00-83	PROJECT SCHEDULE REEVALUATION INCORPORATING OUTSTANDING LICENSING ISSUES.
03-31-83	02-09-85	PROJECT SCHEDULE RE-EVALUATION AND DEVELOPMENT OF CCP PLAN

LOCAL PUBLIC DOCUMENT ROOM:

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MIDLAND 2

CONSTRUCTION STATUS REPORT NUCLEAR POWER PLANTS

PAGE NO: 2-
STATUS AS OF:
6/30/83

CONSTRUCTION STATUS:

APPLICANT'S CURRENT ESTIMATED FUEL LOADING DATE: 10/01/84
 APPLICANT'S PREVIOUS ESTIMATED FUEL LOADING DATE: 06-00-81
 APPLICANT'S ESTIMATED FUEL LOADING DATE AT CP ISSUANCE: 11-00-78
 APPLICANT'S CURRENT ESTIMATED COMMERCIAL OPERATION DATE: 2/28/85

APPLICANTS CONSTRUCTION COMPLETION ESTIMATE AS
 DEFINED IN CP: (EARLIEST) July 1, 1983
 (LATEST) July 1, 1984

CURRENT ESTIMATED PERCENT CONSTRUCTION COMPLETE: 84%

COMMENTS REGARDING CURRENT CONSTRUCTION STATUS:

	<u>ESTIMATED START</u>	<u>ACTUAL START</u>	<u>ESTIMATED COMPLETION</u>	<u>ACTUAL COMPLETION</u>	<u>ESTIMATED % COMPLETE</u>
MOBILIZE AND PREPARE SITE:		3/73		8/73	100%
PLACE STRUCTURAL CONCRETE:		8/73	*		99%+
INSTALL REACTOR PRESSURE VESSEL:		4/78		5/78	100%
INSTALL LARGE BORE PROCESS PIPE:		4/76	6/84		99%
**INSTALL LARGE BORE PIPE HANGERS, RESTRAINTS AND SNUBBERS:		11/77	6/84		92%
INSTALL SMALL BORE PIPE:		1/77	7/84		95%
INSTALL CABLE TRAY:		4/77	*		99%+
INSTALL EXPOSED METAL CONDUIT:		4/77	6/84		92%
INSTALL POWER, CONTROL, INSTRUMENTATION AND SECURITY CABLE:		1/78	6/84		93%
INSTALL ELECTRICAL TERMINATIONS:		6/78	6/84		82%
CONDUCT REACTOR COLD HYDROSTATIC TEST:	1/84		1/84		
CONDUCT HOT FUNCTIONAL TEST:	5/84		7/84		
CONDUCT PREOP AND ACCEPTANCE TESTS NECESSARY FOR FUEL LOAD:		8/82	9/84		

*Concrete and Cable Tray are 99% complete with minimal remaining to be done as required.

**Percent complete is for large bore hangers. Restraints and snubbers are not included.