Docket Nos. 50-329 & 50-330 DEC 27 1977

THIS DOCUMENT CONTAINS POOR QUALITY PAGES

MEMORANDUM FOR: E. G. Case, Acting Director
Office of Nuclear Reactor Regulation

FROM: Roger S. Boyd, Director, Division of Project Management
Office of Nuclear Reactor Regulation

SUBJECT: MIDLAND PLANT UNITS 1 & 2, RADIOLOCICAL SAFETY REVIEW SCHEDULE FOR OPERATING LICENSES

Enclosed for your approval are the Level D Review Schedule and Level C Milestones for the radiological safety review for the operating licenses for the Midland Plant, Units 1 and 2.

Midland Plant Units 1 and 2 are designs of early vintage (see note 1) which the staff will review to the Standard Review Plan and other recent staff positions and guidance established since the Midland CP. Experience indicates that additional review time for such plants can be anticipated. Therefore, we propose a 20-month schedule from docketing to issuance of the SER supplement, resulting in a March 30, 1979 Safety Evaluation Report and a July 13, 1979 supplement. This is compatible with the Applicant's fuel load dates and also provides 11 months for the hearing process.

Other workload priorities within two branches (I&CSB and PSB) necessitate delays in starting the initial review; these delays are accommodated by maintaining a normal review span between receipt of Q-1 responses and issuance of Q-2's. Electrical and control issues which could require increased staff review times, such as for reasons of early design status, should be closely monitored by management to assure timely resolution consistent with the schedule. ASB workloads are such that a change in reviewers may be necessary prior to issuance of Q-2's; but ASB believes this can be accomplished without schedule impact. Manpower shortages in RSB may lead to use of outside consultants for that review; this would require schedule adjustments for communication activities.

We have scheduled a 11-month duration in anticipation of lengthy OL hearings. Since issuance of the CP's, Midland has been the subject of several hearings and appeals, and the more recent of these continues to be in process (see note 2). These cases have utilized appeal procedures both within the Commission and the U. S. Courts, and have involved several years in duration. Based upon this past experience, we anticipate lengthy hearings for the OL review.

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The enclosed schedules meet our goal for completing licensing actions in consonant with the Midland Plant construction schedule which is based upon a fuel load date of October 1, 1980 for the first operating unit.

Original signed by:
Roger S. Boyd

Roger S. Boyd, Director
Division of Project Management

NOTES

/1 The SER for the preliminary design review was issued November 12, 1970 and supplemented on January 14, 1972. CP's were issued December 15, 1972. The earliest completion dates, estimated at the CP stage to be 12/77 (Unit 1) and 12/78 (Unit 2), are now estimated by Consumers Power Company to be October 1981 (Unit 1) and October 1980 (Unit 2). Applicant indicates its reevaluation results from changing project scope and industry experience, switching unit completion sequence, and adverse financial condition.

/2 The earlier hearings dealt with antitrust and quality assurance. An ongoing "remand proceeding" resulting from a case captioned Nelson Aeschliman, et al. v. U. S. Nuclear Regulatory Commission began July 1976 when the D. C. Circuit Court of Appeals remanded to the Commission matters on energy conservation as an alternative need for clarification of the ACRS report, Dow's need for process steam, and environmental impacts of the nuclear fuel cycle.

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LEVEL C SCHEDULE: MIDLAND PLANT UNITS 1 & 2

	Elapsed Weeks	Date
FSAR Docketed	0	11/18/77
Q-1's to LPM	12	02/10/78
(I&CSB only)	17	03/20/78
(PSB only)	21	04/14/78
Q-1's to App. by LPM	14	02/24/78
(I&CSB only)	18	03/24/78
(PSB only)	22	04/21/78
App. Response to Q-1's	21	04/14/78
(I&CSB only)	25	05/12/78
(PSB only)	28	06/02/78
Q-2 s to LPM	37	08/04/78
Q-2's to App. by LPM	40	08/25/78
App. Response to Q-2's	47	10/13/78
Draft SER to LPM	67	01/20/79
SER Issued	71	03/30/79
ACRS Meeting Completed	77	05/10/79
ACRS Letter Received	78	05/17/79
SER Supp to LPM	81	06/08/79
SER Supp Issued	86	07/13/79
Earliest Start of Hearings		08/13/79
Hearings Completed		07/15/80
ASLB Decision on Rad. Matters Rendered		10/01/80
Load Fuel (Unit 2)		10/01/80

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