



Consumers
Power
Company

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Harold R Denton, Director
Office of Nuclear Reactor Regulation
Division of Licensing
US Nuclear Regulatory Commission
Washington, DC 20555

MIDLAND PROJECT
DOCKET NO 50-329, 50-330
AMENDMENT 109
FILE: 0485.11 SERIAL. 19366

Enclosed herewith is Amendment 109 to the Company's application for construction permits and operating licenses, containing three (3) signed originals and sixty (60) copies of Revision 45 to the Final Safety Analysis Report.

Revision 45 of the FSAR encompasses only only Chapter 16, the Midland Plant Technical Specifications as detailed in the application page. In addition to revising Chapter 16 of the FSAR, this submittal is provided for NRC review as the Company's formally proposed Appendix A Technical Specifications to the pending Operating Licenses for both Units 1 and 2, pursuant to Section 50.36 of 10 CFR Part 50. In accordance with the Standard Review Plan, the enclosed Technical Specifications were prepared using Standard Technical Specifications for B&W PWRs, NUREG-0103, Revision 4 as the basis. The Company's proposed Radiological Effluent Technical Specifications (RETS) are also incorporated into Chapter 16 by FSAR Revision 45 and were prepared using RETS for PWRs, NUREG-0472, Revision 2 as the basis. To assist your formal Technical Specification review process, enclosed is a cross-reference table of SER Chapter 16 issues and the Technical Specification which address these issues.

Proof of Service upon the parties listed in the Service List is being provided under separate cover.

James W. Cook

*Boo/s
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JWC/GEC/dsb

CC RJCook, Midland Resident Inspector
DSHood, NRC

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CROSS-REFERENCE TABLE
 OF
 SER CHAPTER 16 ISSUES
 AND
 TECHNICAL SPECIFICATIONS

<u>SER Chapter 16 Issue</u>	<u>SER Section</u>	<u>Cross-Reference for Technical Specification</u>
(1) Surveillance for Cooling Pond Silting	2.4.5.2	16.3/4.7.5
(2) Loose-Parts Monitoring System Operation	4.4.4.2	16.3/4.3.3.11
(3) Procedures for Watertight Doors During Floods	2.4.4	16.3/4.7.6
(4) Leak Testing of HP-to-LP Valves RCS	3.9.6	16.3/4.4.7.2
(5) 48-Inch Purge System Isolation LCO	6.2.4	16.3/4.6.1.8
(6) Purge/Vent Isolation Valve Leakage Tests	6.2.6	16.3/4.6.4.1
(7) Large Purge Valve Isolation Verification	6.2.4	16.3/4.6.1.8
(8) Basis of Rod Bow Offset Margins	4.4.3.1	16.3/4.2.5
(9) Periodic Hydro of ECCS/Containment Spray	6.2.6	16.3/4.5.2
(10) Containment Sump PH Chemical Inventory	6.1.1	16.3/4.6.2.2
(11) Reactor Vessel Pressure-Temperature Curve	5.3.2	16.3/4.4.10
(12) Anticipatory Reactor Trip System Testing	7.2.3	16.3/4.3.5
(13) Steam Generator Level Setpoint	7.3.3.1	16.3/4.3.2
(14) Response - Time Testing	7.3.3.6	16.3/4.3.2
(15) Safe Shutdown System Testing	7.4.2.3	As Appropriate
(16) Operation With Less Than Four RCPs	15.3.1	16.3/4.3
(17) Permanent Groundwater Monitoring System	2.4.6.4	16.3/4.13.3.1
(18) AFW Short - and Long - Term Recommendation	10.4.9.2.2	16.3/4.7.1.2

<u>SER Chapter 16 Issue</u>	<u>SER Section</u>	<u>Cross-Reference for Technical Specification</u>
(19) Periodic Testing of Startup Transformer Shedding Logic	8.2	16.3/4.8.1
(20) De-Energization of Non-Class 1E Loads	8.4.3	16.3/4.8.3

Technical Specification requirements identified under SER Chapter 16, Item 21 on ECCS outages are under discussion with the NRC and are not included with this submittal.