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April 6, 1972

DOCKET NOS. 50-329 AND 50-330

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Gentlemen:

Pursuant to the Board's Order dated March 27, 1972, attached hereto is a list of documents relied on by Applicant in its preparation of the Supplemental Environmental Report, Responses to Agency Comments and Responses to Contentions of Saginaw Intervenors. This list does not attempt to duplicate those references already contained in Applicant's various environmental filings, although in some cases it may, and does not contain any references to the Preliminary Safety Evaluation Report which is already frequently referenced in the environmental filings and must be considered an underlying document for all descriptions of plant system operation.

Responses to questions, comments and contentions frequently rely on documents referenced for sections of the Supplemental Environmental Report and in such cases the documents generally have not been relisted or cross-referenced under the response. Also in some cases, similar responses were given to more than one question, comment or contention. Often in such cases the documents have been listed for only one of these responses and not for the others. We believe this to be a reasonably complete list. However, we are continuing to seek additional documents and will file amendatory lists if additional documents are found.

Respectfully yours,

/s/ John K. Restrict

John K. Restrict

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JKR/bbm

CC: (Distribution copies on attached sheet)

April 6, 1972

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ATOMIC ENERGY COMMISSION

Docket No. 50-329
Docket No. 50-330

I hereby certify that copies of Applicant's List of Documents

Consumers Power Company

Applicant's List of Documents Pursuant
to the Board's Order of March 27, 1972

ASER Section 2 Electric Power Supply and Demand

Working Paper - Maximum Net Demonstrated Capabilities - MW As of May 1,
1971

Working Paper - Michigan Pool Seasonal Peak Load Forecast - 7-21-71

Working Paper - Michigan Pool Load Growth - 7-27-71

Working Paper - Consumers Power-Detroit Edison Load and Capability -
9-3-71

Electric Forecast Data Book - Exhibit 1 to Section 2.0 of ASER

Executive Review Committee - Electric, Minutes and Material Presented
to Committee (1971)

Booklet Summarizing "Electric Unit Sales Forecast, One-Year Budget Fore-
cast and Ten-Year Forecast, September, 1971."

Applicant's Submission to EEI for Survey on Energy Requirements for
Pollution Control, February 25, 1971

Compilation of Prospective Sewage Treatment Projects, September 3, 1971

Compilation of Prospective Industrial Loads for Pollution Control,
September 3, 1971

Power Plant Information on Dow Chemical Company, January 1, 1971

Exhibit C to Contract Between Consumers Power Company and Dow Chemical
Company, Dated December 13, 1967, as Amended

ASER Section 4.1 Plant Construction

Meeting Notes - Water Resources Commission, Dated 1/23/69, "River Widening and Railroad Bridge"

Department of Army Corps of Engineers' Letter to Bechtel Dated 8/27/69, "River Widening and Railroad Bridge"

Water Resources Commission Order and Permit Dated 6/25/69, "River Widening and Railroad Bridge"

U. S. Coast Guard Letter to Bechtel Dated 11/15/68 "River Widening and Railroad Bridge"

Corps of Engineers Permit No. 69-23-2 Dated 8/5/69 "River Widening and Railroad Bridge"

U. S. Coast Guard Permit No. 155-69 Dated 9/9/69 "River Widening and Railroad Bridge"

ASER Section 4.2

Meteorological Magazine, Vol 90, No. 1,063, p. 43, February 1961

"Report of Committee 11 on Permissible Dose for Internal Radiation,"
ICRP #2, 1959

J. J. DiNunno, et al, Calculation of Distance Factors for Power and
Test Reactor Siting, TID 14844, March 23, 1962

ORNL-4035

Symposium on Radioecology, Ann Arbor, Michigan, 1967, CONF-6 70503

David H. Slade, ed, Meteorology and Atomic Energy, US AEC 1968

Design Considerations of Reactor Containment Spray Systems, ORNL-TM-2412

Rancho Seco PSAR

WCAP-7518L, June 1970, "Topical Report - Radiological Consequences of
a Fuel Handling Accident"

DP-1071, "Activity Confinement Systems of the Savannah River Plant
Reactors"

ORNL-NSIC-13, "Filters, Sorbents and Air Cleaning Systems as Engineered
Safeguards in Nuclear Installations"

P. W. Frank, et al, Radiochemistry of Third PWR Fuel Material Test - X-1
Loop NRX Reactor, WAPD-TM-29, Feb 1957

J. D. Eichenberg, et al, Effects of Irradiation of Bulk UO_2 , WAPD-183,
Oct 1957

G. M. Allison and R. F. S. Robertson, The Behavior of Fission Products in
Pressurized-Water Systems - A Review of Defect Tests on UO_2 Fuel Elements
at Chalk River, AECL-1338 (1961)

G. M. Allison and H. K. Roe, the Release of Fission Gases and Iodines From
Detected UO_2 Fuel Elements of Different Lengths, AECL-2206, June 1965

J. K. Dawson, et al, Chemical Aspects of Nuclear Reactors, Butterworths,
London (1963), pp 352-4

P. W. Frank, Calculation of Fission Product Activity in PWR From a Seed
Plate Failure, WAPD-TM-83, Nov 1957

NACE, 1969 Conference Preprint, "Chemistry and Waste Management at the
Connecticut Yankee Atomic Power Plant," p. 21

ASER Section 4.2 (Contd)

TWX, B&W to Consumers, Sept 24, 1971 "Krypton 85 Release"

B&W IOM A.L. Mercado to J. W. Merchant, Sept 15, 1971 File:
NSS-12/12E28, NSS-12/12E35 "Leakage Rates"

B&W Letter to Bechtel - 381 Dated October 1, 1971 "Environmental Report
Accident Analysis"

B&W Letter to Bechtel - 379 Dated Sept 24, 1971 "Environmental Report
Accident Analysis"

ORNL-TM-2040, November 1967, Adams and Ackley

ASER Section 4.3 Fogging Effect of Cooling Pond Operation

Sargent and Lundy letter to J. H. Blasingame dated 12/3/68,
"Cooling Pond"

Brown & Caldwell report dated 3/26/69 "Water Analysis"

ASER Section 4.4 Water Quality Impact

Letter - J. F. Maddox (Dow) to J. H. Blasingame (Bechtel) February 27, 1970.

Letter - Dow to Bechtel February 18, 1970, "Effects of Cooling Pond on River, Dow IOM With Water Quality Analysis"

Dow Handout - "Tittabawassee River Water at Midland, Michigan" May 21, 1970

Dow Handout - "Table I - Saginaw River Quality"

Letter - Dow to Consumers Power, June 30, 1970 "Effect of Cooling Pond on River"

Bechtel Cooling System Study for Midland, Transmitted May 10, 1968

Bechtel Cooling Pond Capacity Study, December 20, 1968

Bechtel Report on Cooling Pond Calculations for Midland Plant, February 1969

Bechtel Interim Report on Effect of Plant Operation on River, June 22, 1970

Bechtel Interim Report "Maximum Cooling Pond Temperatures" May 1971

Revised Tables for Average Year and Drought Year From Interim Report on Effect of Plant Operation on River, October 7, 1971

Alden Laboratory Report, "Model Study, Midland Cooling Pond," January 1970

ASER Section 4.5 Transportation

Article V, "Shipment and Delivery" of Nuclear Fuel Contract Between Consumers Power Company and The Babcock & Wilcox Company, Dated as of June 12, 1968

Paragraph 3.5 "Transportation of Irradiated Fuel" and Paragraph 3.6 "Services Included in the Charges for Transportation" (Excluding Price) of Article III "Charges for Reprocessing Services and Escalation" of Agreement Between Consumers Power Company and Nuclear Fuel Services, Inc. for Chemical Processing Services, Dated October 14, 1970

Letter to Mr. R. B. Atwater (Consumers Power) From Mr. N. S. Embrey (Babcock & Wilcox) Dated September 3, 1971 Including: (a) Standard Guide Specification 2042/1070, (b) USAEC Rules and Regulations, Title 10, Part 71, (c) Report on Test of Fresh Fuel Shipping Container, Document Number CRC-70-1

Letter to Mr. R. B. Atwater (Consumers Power) From Mr. N. S. Embrey (Babcock & Wilcox) Dated September 7, 1971 Including: (a) Amendment Numbers 71-1 and 71-2 to Special Nuclear Material License Number SNM-1168 and (b) DOT Special Permit Number 6206

Telegram to Mr. R. L. Heiks (Consumers Power) From Mr. M. J. Jump (Nuclear Fuel Services) Dated September 8, 1971 Containing Information Regarding the Transportation of Nuclear Fuel

Safety Analysis Report for Nuclear Fuel Services, Inc. Spent Fuel Shipping Cask Model No. NFS-3 Dated August 6, 1971 (Proprietary)

49 CFR Parts 1-199 (Primarily Sections 173.389 and 173.399)

ASER Section 4.6 Transmission Lines

Aerial Photographs of Tittabawassee-Thetford-Kenowa Right of Way
Dated December 16, 1967. Consumers Power Company Engineering
Files.

Booklet - Environmental Criteria for Electric Transmission Systems:
U.S. Department of Interior and U.S. Department of Agriculture
(U.S. Government Printing Office: 1970 O-404-932)

ASER Section 5.1

Printout for 1978 From Applicant's Financial Model

"Financial Compound Interest and Annuity Tables" Second Edition by the
Financial Publishing Company. Page 715

Applicant's Financial and Statistical Report for December 1970

Bechtel's September 1971 Midland Plant Cost Estimate

Working Papers - Estimated Data Pertaining to All Adjustment Factors
Included in "Contract for Steam Service." The Average Rate Is Based
on Steam Use of 4,050,000 Lb/h and 100% Load Factor

ASER Section 5.2 Alternate Plants

Letter D. A. Lapinski to M. P. Hanson, 12/20/71, Regarding Results of Reliability Analyses of Alternates

Working Paper - Michigan Pool - Forced Outage Rate for Future Units
May 1, 1970 - Volume I - Load Projections and Resource Planning -
A Report by ECAR to the Federal Power Commission Pursuant to Federal
Power Commission Docket R-362, Order 383-2 April 1971 (Exhibit VIII -
ECAR Seasonal Loads and Resources 1973-1980)

Working Paper - Alternate Generation Types Capacity Factor Projections

Working Paper - Midland Alternate Plants - Fuel Costs Levelized -
Mills/kWh - 10-5-71

Working Paper - Tabulation of Estimated Plant Costs, Updated January 1,
1971

Brochure - Westinghouse "Pace" Combined Cycle Plant

Brochure - General Electric "Stag" Combined Cycle Plant

Heat Balances - 375 HB 863, 375 HB 864, General Electric, January 7, 1970

ASER Section 6.0 Response to Questions 11 and 15

Paper - "The Formation and Destruction of Chloramines"
Lee Morrow, Consumers Power

Michigan Water Resources Commission Public Hearing Record on the
Proposed Revision to Interstate and Intrastate Temperature Stan-
dards for Protection of Fish and Aquatic Life, June 24, 1971.

ASER Section 6.0 Responses to Question 14

H. B. Fischer, "Methods for Predicting Dispersion Coefficient in Natural Streams, With Application to Lower Reaches of the Green and Duwamish Rivers Washington", U.S. Geological Survey, Proof Paper 582-A, 27 1968

John A. Hoopes, Mathematical Model, "Heat Dissipation and Induced Circulations From Condenser Cooling Water Discharges Into Lake Monoma", Wisconsin University, Madison, Wisconsin, February 1968

Symons, J. M.: "Water Quality Behavior in Reservoirs," PHS Publication 1930, U.S. Government Printing Office, 1969

"Water Quality and Treatment" American Waterworks Association, Lancaster Press, 1950

W. L. Marshall, R. Slusher: "Solubility to 200°C of Calcium Sulfate and Its Hydrates in Sea Water and Saline Water Concentrates" Journal of Chemical and Engineering Data, Volume 13 No. 1, January 1968 Pages 83 Through 93

"Handbook of Chemistry and Physics", Chemical Rubber Co., 1955 Edition

"Lange's Handbook of Chemistry", Handbook Publishers, Inc., 8th Edition, 1952

ASER Section 6.0 Response to Question 17

Contract - Consumers Power Company - International Chemical and
Nuclear Company (Tracerlab Division)

Initial Proposal From Tracerlab Company

Summary Preoperational Report for Palisades Plant Environmental
Surveillance Program

ASER Section 6.0 Response to Question 18

Letter - J. H. Blasingame (Bechtel) to W. E. Kessler (Consumers Power),
January 5, 1970

ASER Section 6.0 Response to Question 23

Letter - J. F. Maddox (Dow) to M. P. Hanson (Consumers Power), December 6, 1971

Leo L. Beranek, Editor, Noise Reduction, McGraw Hill, New York - 1960, Pages 185 Through 205

Harris, Et Al, Handbook of Noise Control, Pages 3-1 Through 3-17, Pages 26-1 Through 26-2

SRI Long-Range Planning Service Report No. 418 Noise Pollution Control, October 1970

American Gas Association (AGA) Noise Abatement in Gas Pipelines (1963) Volumes I and III.

US-HUD Circular No. 1390.2; Noise Abatement and Control - Departmental Policy, Implementation Responsibilities and Standards 8/4/71

ASER Appendices A and B - Environmental Surveillance Programs

Report of Committee 2 on Permissible Dose for Internal Radiation -
Recommendations of the International Commission on Radiological
Protection (1959)

Report of Committee 4 of the International Commission on Radiological
Protection - Principles of Environmental Monitoring (1965)

Manual on Environmental Monitoring in Normal Operation - Safety Series
No. 16 of the International Atomic Energy Agency (1966)

Response to Department of Agriculture, p. 4

Letter to R. W. Sinderman From Nuclear Engineering Company, Inc.
March 2, 1972

Report - "Suitability of a Radioactive Waste Disposal Site for
Chemical Wastes" Nuclear Engineering Inc., Dated May 21, 1970

Response to Department of Commerce, pp. 14-17

Big Rock Point Chemical Waste Records

Response to Environmental Protection Agency, pp. 23-26

Telegram - L. R. Allen (Babcock & Wilcox) to R. L. Heiks (Consumers
Power), March 2, 1972

Response to Environmental Protection Agency, p. 31

Letter - N. S. Embrey (Babcock & Wilcox) to M. P. Hanson (Consumers Power),
November 23, 1971

Response to Environmental Protection Agency, pp 72-72f

Letter J. N. O'Connor (Dow Chemical) to J. K. Restrict (Consumers
Power), March 6, 1972

Letter J. F. Maddox (Dow Chemical) to J. K. Restrict (Consumers
Power), March 9, 1972

Applicant's Midland Plant Alternative Studies, November 16, 1971

Response to Department of Interior, p. 79

Letter - Thomas Prawdzick, Michigan Department of Natural Resources,
to Mr. McConnell (Consumers Power) Dated March 2, 1972

Response to Department of Interior, p. 84

See Documents Under Response to Department of Agriculture, p. 4

Response to Saginaw Intervenor Contention 6

Exhibit B to Contract Between Consumers Power Company and Dow Chemical Company, Dated December 13, 1967, as Amended

Response to Saginaw Intervenor Contention 7

Exhibit B to Contract Between Consumers Power Company and Dow Chemical Company, Dated December 13, 1967, as Amended

Response to Saginaw Intervenor Contention 9

Stipulation Between the Water Resources Commission, an Agency of the State of Michigan, and the Dow Chemical Company, a Delaware Corporation, Midland, Michigan to Restrict the Content of Industrial Wastes Discharged to the Waters of the State by the Dow Chemical Company Dated March 19, 1971

Response to Saginaw Intervenor's Contention 13

J. F. Thomas and R. R. Trussell, "Influence of Henry's Law on Bicarbonate Equilibria" Journal of American Water Works Association (1960), pp. 185-87

J. M. Symons "Water Quality Behavior in Reservoirs" PHS Publication 1930, U.S. Government Printing Office, 1969

Response to Saginaw Intervenor's Contention 25

Atomic Energy Clearinghouse, Vol. 16, No. 33 and Vol. 17, No. 6

Nuclear News, June 1970, pages 39 through 58, "Four Decommissioning Case History"

Response to Contentions 37 and 84

Operating History of U. S. Nuclear Power Reactors, US AEC 1971

Response to Saginaw Intervenor's Contention 55

"Research on Dry-Type Cooling Towers for Thermal Electric Generation"
R. W. Beck and Associates, Environmental Protection Agency 1970

"ASME Paper No. 70-PWR-6 "Thermal Cycle Arrangements for Power Plants
Employing Dry Cooling Towers" Paul Tenny, Raymond E. Moore

"Economies and Operating Experience With Air-Cooled Condensers"
Hons. H. V. Clever, Wilford J. Wester and J. Y. Parce, American
Power Conference, April 1971

"Power Plant Siting Performance and Economics With Dry Cooling System,"
E. C. Smith and M. W. Larinoff, American Power Conference, April
1970

Responses to Saginaw Intervenor's Contentions 78-81, 85-89 and 91-92

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Ward's Automotive Yearbook

Applicant's 1970 Appliance Saturation and Attitude Survey (Electric
Customers Report No. 1)

Merchandising Week - Annual Statistical and Marketing Reports