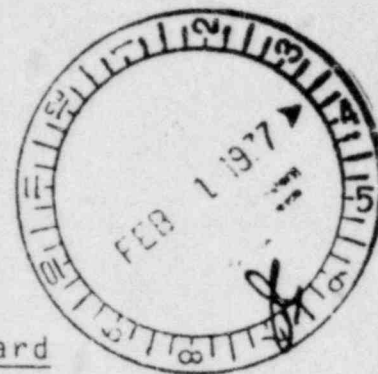


RELATED CORRESPONDENCE

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION



Before the Atomic Safety and Licensing Board

In the Matter of
CONSUMERS POWER COMPANY
(Midland Plants, Units 1 and 2)

Docket Nos. 50-329
50-330

RESPONSES TO SECOND SET OF INTERROGATORIES

1-28-77

The Dow Chemical Company ("Dow") submits the following answers to the second set of interrogatories of other intervenors:

1. What is the Dow forecast of peak electrical demand in megawatts and total annual electrical energy use in megawatt hours for each of the years 1977 through 1985, assuming Midland Units No. 2 and 1 are available for commercial operation on 3/1/81 and 3/1/82, respectively? Divide the total electrical energy use and demand requirements into self-generation and purchase.

2. Provide the same information as in interrogatory 1, but assume that the Midland Units No. 2 and No. 1 are available for commercial operation on 12/1/81 and 12/1/82, respectively. 8008060 460 G

3. Provide the same information as in interrogatory 1, but assume that the Midland Units No. 2 and No. 1 are available for commercial operation on 6/1/82 and 6/1/83, respectively.

ANSWER

The Dow forecast of peak electrical demand and the total annual electrical energy use at the Midland Plant requested in Interrogatories 1, 2 and 3 are set forth below in Tables I, II and III respectively. Consumers Power has taken the position that the present Contract for Electric Service between Dow and Consumers Power, executed in January, 1974, requires Dow to purchase its electrical requirements from Consumers Power as soon as Midland Unit No. 2 is available for commercial operation. It is Dow's position that the Contract for Electric Service should not be effective until Midland Unit No. 1 is available for commercial operation and producing process steam for Dow. During the last modification of the General Agreement when the order of start-up for Midland Units 1 and 2 was reversed, a change in the Contract for Electric Service reflecting the Dow position was inadvertently omitted.

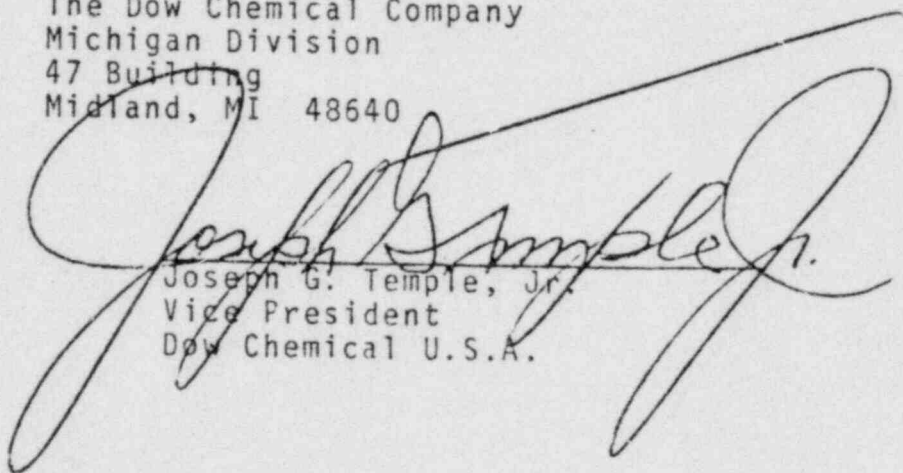
Since representatives of Consumers Power have indicated they will not correct this error in the Contract for Electric Service, the estimates in the Answers for these interrogatories are based on the existing contract language. Previous estimates supplied informally to the parties on

January 20, 1977 reflect the Dow position that the Contract for Electric Service starts when Unit #1 begins supplying steam to Dow.

It should also be noted that the estimates required by these interrogatories are very unreliable, especially for the later portion of the time period, since these estimates will be influenced by many hard-to-predict variables such as product mix and general business conditions.

Mr. J. R. Burroughs has prepared the estimates used in these interrogatories. Mr. Burroughs business address is:

The Dow Chemical Company
Michigan Division
47 Building
Midland, MI 48640



Joseph G. Temple, Jr.
Vice President
Dow Chemical U.S.A.

TABLE I.

Year	Peak Month Electric Demand Megawatts			Total Electric Energy Use Megawatt-Hours		
	Self-Generation	Purchase	Total	Self-Generation	Purchase	Total
1977	77	120	197	674,520	604,440	1,278,960
1978	80	125	205	700,800	639,480	1,340,280
1979	90	125	215	788,400	770,880	1,559,280
1980	90	125	215	788,400	779,640	1,568,040
1981	90	215*	215	131,400	1,445,400	1,576,800
1982	0	205	205	0	1,533,000	1,533,000
1983	0	200	200	0	1,489,200	1,489,200
1984	0	200	200	0	1,489,200	1,489,200
1985	0	200	200	0	1,489,200	1,489,200

*Assumes peak month occurs after March 1, 1981.

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TABLE II.

Peak Month Electric Demand
Requirements

Year	Self-Generation	Purchase	Total
1977	77	120	197
1978	80	125	205
1979	90	125	215
1980	90	125	215
1981	90	205*	205
1992	0	205	205
1993	0	200	200
1984	0	200	200
1995	0	200	200

*Assumes peak month occurs December 1, 1981.

Total Electric Energy Use
Megawatt-Hours

Year	Self-Generation	Purchase	Total
1977	674,520	604,440	1,278,960
1978	700,800	639,480	1,340,280
1979	788,400	770,880	1,559,280
1980	788,400	779,640	1,568,040
1981	722,700	854,100	1,576,800
1992	0	1,533,000	1,533,000
1993	0	1,489,200	1,489,200
1984	0	1,489,200	1,489,200
1995	0	1,489,200	1,489,200

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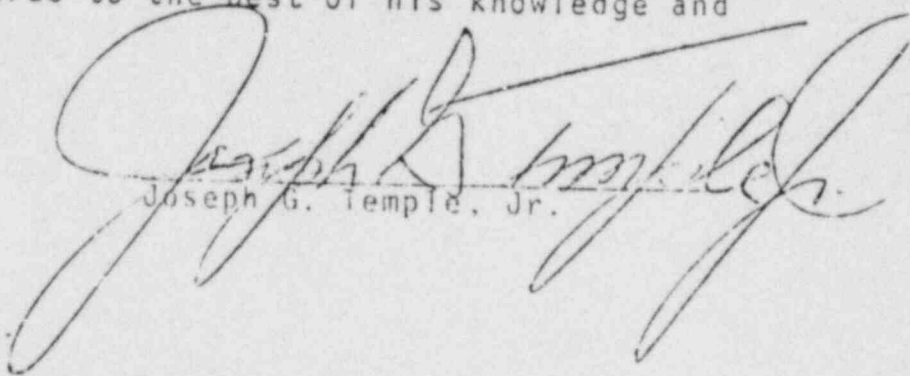
TABLE III.

Year	Peak Month Electric Demand Megawatts		Total Electric Energy Use Megawatt-Hours			
	Self-Generation	Purchases	Total	Self-Generation	Purchases	Total
1977	77	120	197	674,520	504,440	11,278,960
1978	80	125	205	700,800	639,480	1,340,280
1979	90	125	215	788,400	700,380	1,559,280
1980	90	125	215	788,400	779,640	1,568,040
1981	90	125	215	788,400	788,400	1,576,800
1982	90	205*	295	323,500	1,204,500	1,533,000
1983	0	200	200	0	1,489,200	1,489,200
1984	0	200	200	0	1,489,200	1,489,200
1985	0	200	200	0	1,489,200	1,489,200

*Assumes peak month occurs after June 1, 1982.

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Joseph G. Temple, Jr., being duly sworn, deposes and says that the foregoing Responses to Second Set of Interrogatories are true to the best of his knowledge and belief.


Joseph G. Temple, Jr.

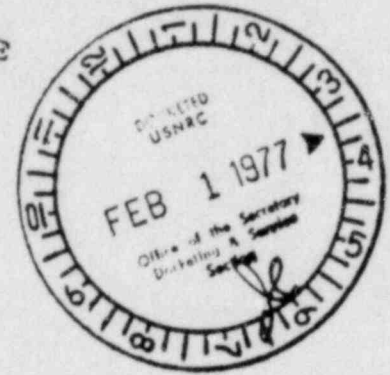
STATE OF MICHIGAN)
COUNTY OF MIDLAND) ^{ss.}

Subscribed and sworn to before me, a Notary Public, this 28th day of January, 1977.


Connie K. Miller

UNFILED CORRESPONDENCE

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION



In the Matter of
the Application of
CONSUMERS POWER COMPANY
(Midland Plant, Units 1 and 2)

DOCKET NOS. 50-329
50-330

CERTIFICATE OF SERVICE

I hereby certify that copies of the attached "Responses to Second Set of Interrogatories," dated January 28, 1977, were served upon the individuals whose names appear on the attached Service List, by deposit in the United States mail, postage prepaid and properly addressed, on the 28th day of January, 1977.

Connie K. Miller
Connie K. Miller
The Dow Chemical Company
Legal Department
47 Building
Midland, MI 48640

January 28, 1977
Attachment: Service List

SERVICE LIST

Mr. C. R. Stephens, Chief
Packaging and Service Section
Office of the Secretary of the Commission
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Myron M. Cherry, Esquire
Suite 4501
One IBM Plaza
Chicago, Illinois 60611

Dr. Emmeth A. Luebke, Member
Atomic Safety and Licensing Board Panel
Washington, D.C. 20555

Dr. J. Venn Leeds, Jr., Member
Atomic Safety and Licensing Board Panel
10807 Atwell
Houston, Texas 77096

Ms. Mary Sinclair
5711 Summerset Street
Midland, MI 48640

Mr. Steve Gadler, P.E.
2120 Carter Avenue
St. Paul, Minnesota 55103

Richard K. Hoefling, Esq.
Counsel for NRC
Nuclear Regulatory Commission
Washington, D.C. 20555

Frederic J. Coufal, Esq., Chairman
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

David J. Rosso, Esq.
Isham, Lincoln & Beale
One First National Plaza
Forty-Second Floor
Chicago, IL 60603

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