

NOV 13 1981



DBcket Nos: 50-329/330 OM, OL

MEMORANDUM FOR: Elinor G. Adensam, Chief, Licensing Branch No. 4, DL

FROM: Darl S. Hood, Project Manager, Licensing Branch No. 4, DL

SUBJECT: NOTICE OF MEETING - MIDLAND PLANT, UNITS 1 AND 2

DATE & TIME: November 17, 1981  
8:30 am - 5:00 pm

LOCATION: Room 5709  
Maryland National Bank Building  
Bethesda, Maryland

PURPOSE: To integrate the licensing and construction schedules for the remedial foundation activities for the Midland Auxiliary building.

PARTICIPANTS: <sup>1/</sup> NRC Consumers Power Company

J. P. Knight G. Keeley, et al.

E. Adensam, et al.

Bechtel

A. Boos, et al.

MEMO  
4

Darl S. Hood, Project Manager  
Licensing Branch No. 4  
Division of Licensing

cc: See next page

1/ Meetings between NRC technical staff and applicants for licenses are open for interested members of the public, petitioners, intervenors, or other parties to attend as observers pursuant of "Open Meeting and Statement of NRC Staff Policy", 43 Federal Register 28058, 6/28/78.

OFFICE	DL:LB#4	DL:LB#4				
SURNAME	DHood:eh	EAdensam	8111300173			
DATE	11/13/81	11/13/81				

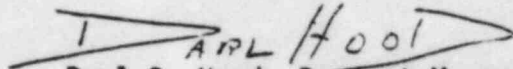


UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

NOV 13 1981

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Licensing Branch No. 4  
Division of Licensing

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MIDLAND

Mr. J. W. Cook  
Vice President  
Consumers Power Company  
1945 West Parnall Road  
Jackson, Michigan 49201

cc: Michael I. Miller, Esq.  
Ronald G. Zamarin, Esq.  
Alan S. Farnell, Esq.  
Isham, Lincoln & Beale  
Suite 4200  
1 First National Plaza  
Chicago, Illinois 60603

James E. Brunner, Esq.  
Consumers Power Company  
212 West Michigan Avenue  
Jackson, Michigan 49201

Myron M. Cherry, Esq.  
1 IBM Plaza  
Chicago, Illinois 60611

Ms. Mary Sinclair  
5711 Summerset Drive  
Midland, Michigan 48640

Stewart H. Freeman  
Assistant Attorney General  
State of Michigan Environmental  
Protection Division  
720 Law Building  
Lansing, Michigan 48913

Mr. Wendell Marshall  
Route 10  
Midland, Michigan 48640

Mr. Steve Gadler  
2120 Carter Avenue  
St. Paul, Minnesota 55108

Mr. Roger W. Huston  
Suite 220  
7910 Woodmont Avenue  
Bethesda, Maryland 20814

Mr. Don van Farrowe, Chief  
Division of Radiological Health  
Department of Public Health  
P.O. Box 33035  
Lansing, Michigan 48909

William J. Scanlon, Esq.  
2034 Pauline Boulevard  
Ann Arbor, Michigan 48103

U.S. Nuclear Regulatory Commission  
Resident Inspectors Office  
Route 7  
Midland, Michigan 48640

Ms. Barbara Stamiris  
5795 N. River  
Freeland, Michigan 48623

Mr. Paul A. Perry, Secretary  
Consumers Power Company  
212 W. Michigan Avenue  
Jackson, Michigan 49201

Mr. Walt Apley  
c/o Mr. Max Clausen  
Battelle Pacific North West Labs (PNWL)  
Battelle Blvd.  
SIGMA IV Building  
Richland, Washington 99352

Mr. I. Charak, Manager  
NRC Assistance Project  
Argonne National Laboratory  
9700 South Cass Avenue  
Argonne, Illinois 60439

Mr. R. B. Borsum  
Nuclear Power Generation Division  
Babcock & Wilcox  
7910 Woodmont Avenue, Suite 220  
Bethesda, Maryland 20814



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

NOV 23 1981

Docket Nos. 50-329 OM, OL  
and 50-330 OM, OL

APPLICANT: Consumers Power Company

FACILITY: Midland Plant, Units 1 & 2

SUBJECT: SUMMARY OF NOVEMBER 12, 1981 MEETING ON CONSTRUCTION SCHEDULES  
FOR FOUNDATION MODIFICATIONS TO AUXILIARY BUILDING

On November 12, 1981, the NRC staff met in Bethesda, MD, with Consumers Power Company (CPCo) to discuss construction schedules needed for the planned remedial actions to the Auxiliary Building at the Midland plant. The remedial action, underpinning, results from the settlement potential of the backfill soils beneath the control tower and electrical penetrations area of that structure. Similar action is planned for the adjacent Feedwater Isolation Valve Pits and was included in the meeting discussions. Meeting attendees are listed in Enclosure 1.

Vice President J. Cook of CPCo reviewed the development history for the proposed remedial action which had initially been based upon use of jacking caissons, but which, by September 1981, had been changed to a structural wall extending to the glacial till. Mr. Cook emphasized that the construction schedule for the Auxiliary Building underpinning was critical to the July 1983 fuel load date for Unit 2. For this reason, Consumers had earlier asked the Licensing Board to rearrange the hearing sessions to consider the Auxiliary Building before the Diesel Generator Building session. To prepare for implementing the underpinning, a vertical access shaft on the east and west ends of the auxiliary building and adjacent to each feedwater isolation valve pit and the turbine building needs to be started by mid-December 1981, and a freezeway by December 29, 1981. Staff approval of these two matters were requested by Mr. Cook's letter of October 28, 1981. The schedule for start of drifting beneath the structures is February 15, 1982. Mr. Cook further emphasized that continuing staff review throughout the underpinning process was needed, rather than a traditional two-step staff approval process. He felt that more staff review and observation in the field should be considered to expedite the review process. Review procedures such as that which had been followed during the staff's structural design audit at Anne Arbor, Michigan, in May 20 - 24, 1981, were also recommended.

Mr. D. Eisenhut agreed that staff approval prior to implementing the fix was needed. In view of the construction schedule, he suggested specific approval points by the staff or other conditions be defined based upon the planned construction activities and sequences comprising the underpinning scheme. He noted that establishment of acceptable conditions could assist in the authorization to proceed. It was agreed that a working meeting the following week would be scheduled to this end. To the extent possible, such conditions would be reflected in hearing testimony.

Mr. H. Miller, Esq., noted that conditions could not be established within the existing schedule for filing testimony (due November 17, 1981) and that Consumers would like to ask the Board to accept a delay of a few days in the filing date. Mr. W. Olmstead, Esq., replied that the staff would not object to such a request.

Messrs. G. Keeley and D. Budzik of CPCo described the preliminary analysis of the Auxiliary Building to be provided for staff review on November 20, 1981. The preliminary analysis will consider selected critical structural members and selected loading combinations. An analysis of the construction sequence for the underpinning scheme will be completed January 1, 1982. The final analysis will be provided for staff review February 15, 1982. It was noted that the latter date corresponds to the start of drifting beneath the structure. The final analysis is primarily for the electrical penetration area and control tower portions of the structure. The analyses for the overall structure will be completed April 15, 1982. June 1, 1982 is the earliest date that the FSAR can be updated to reflect the results of the completed analyses.

At the conclusion of the meeting, and in preparation of the working session planned for November 17, 1981, Mr. Budzik provided the following schedule drawings to the staff's project manager:

- (1) Drawing 7220-PPS-020, Revision 0, dated 11/06/81, "Project Production Schedule: Auxiliary Building Underpinning Schedule", sheets 1 and 2.
- (2) Drawing 7220-PPS-021, Revision 0, dated 11/06/81, "Service Water Pump Structure Remedial Action - (Underpinning Wall)".

Darl Hood, Project Manager  
Licensing Branch #4  
Division of Licensing

Enclosure:  
As stated

cc: See next page

OFFICE	DL:LB#4	DL:LB#4	DL:LB#4
SURNAME	DHood:lb	Duncan	EAdams
DATE	11/1/81	11/1/81	11/1/81

MIDLAND

Mr. J. W. Cook  
Vice President  
Consumers Power Company  
1945 West Parnall Road  
Jackson, Michigan 49201

cc: Michael I. Miller, Esq.  
Ronald G. Zamarin, Esq.  
Alan S. Farnell, Esq.  
Isham, Lincoln & Beale  
Suite 4200  
1 First National Plaza  
Chicago, Illinois 60603

James E. Brunner, Esq.  
Consumers Power Company  
212 West Michigan Avenue  
Jackson, Michigan 49201

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5711 Summerset Drive  
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Mr. I. Charak, Manager  
NRC Assistance Project  
Argonne National Laboratory  
9700 South Cass Avenue  
Argonne, Illinois 60439

Mr. R. B. Borsum  
Nuclear Power Generation Division  
Babcock & Wilcox  
7910 Woodmont Avenue, Suite 220  
Bethesda, Maryland 20814

cc: Commander, Naval Surface Weapons Center  
ATTN: P. C. Huang  
White Oak  
Silver Spring, Maryland 20910

Mr. L. J. Auge, Manager  
Facility Design Engineering  
Energy Technology Engineering Center  
P.O. Box 1449  
Canoga Park, California 91304

Mr. William Lawhead  
U.S. Corps of Engineers  
NCEED - T  
7th Floor  
477 Michigan Avenue  
Detroit, Michigan 48226

Charles Bechhoefer, Esq.  
Atomic Safety & Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Mr. Ralph S. Decker  
Atomic Safety & Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dr. Frederick P. Cowan  
Apt. B-125  
6125 N. Verde Trail  
Boca Raton, Florida 33433

Jerry Harbour, Esq.  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

LIST OF ATTENDEES

MIDLAND MEETING 11/12/81

NRC

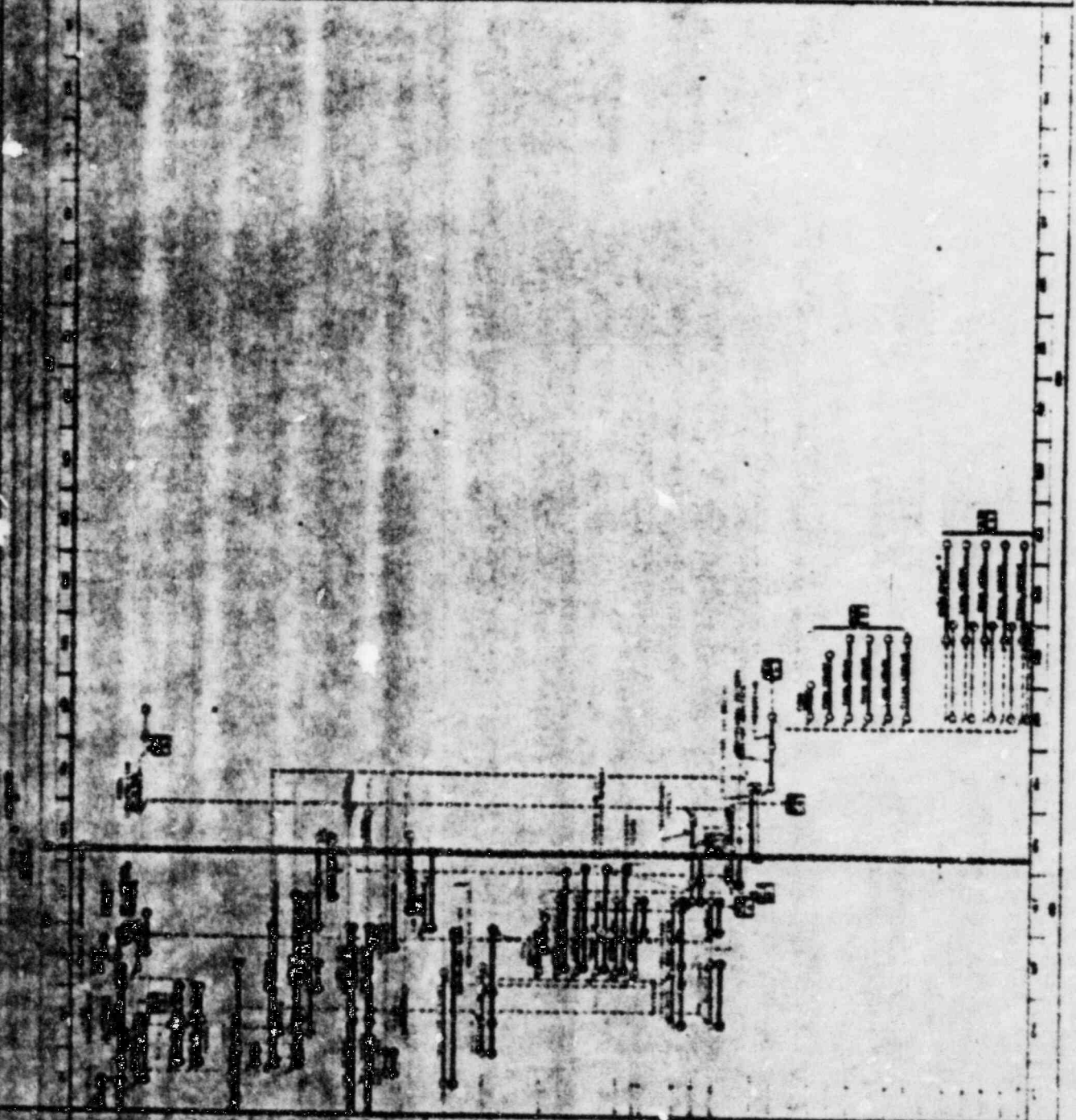
D. Eisenhut	J. Kane
R. Vollmer	F. Rinaldi
J. P. Knight	A. Cappucci
E. Adensam	G. Lear
W. Olmstead	F. Schauer
J. Rutburg	R. Landsman
W. Paton	
D. Hood	

Consumers

J. Cook  
D. Keeley  
D. Budzik  
M. Miller (IL&B)



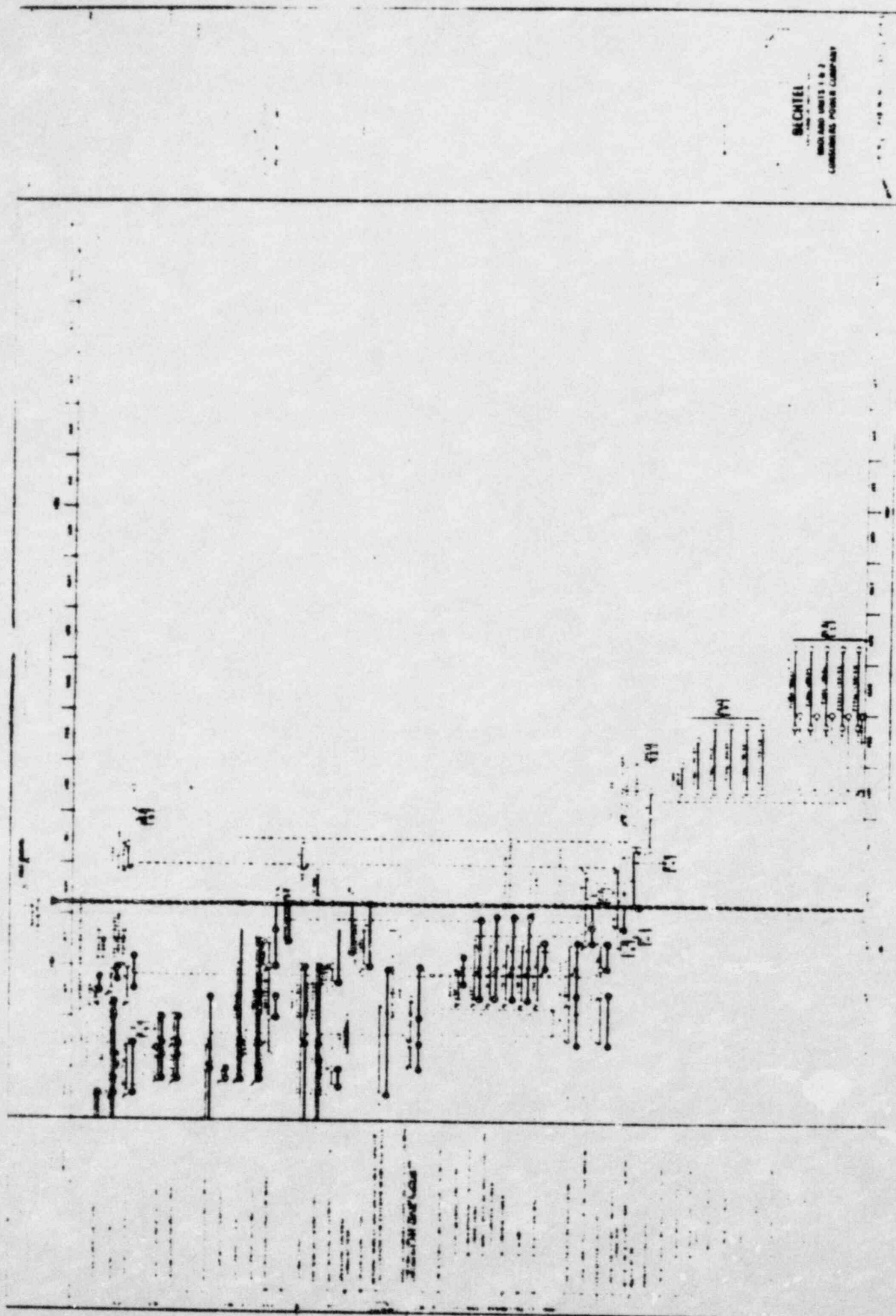
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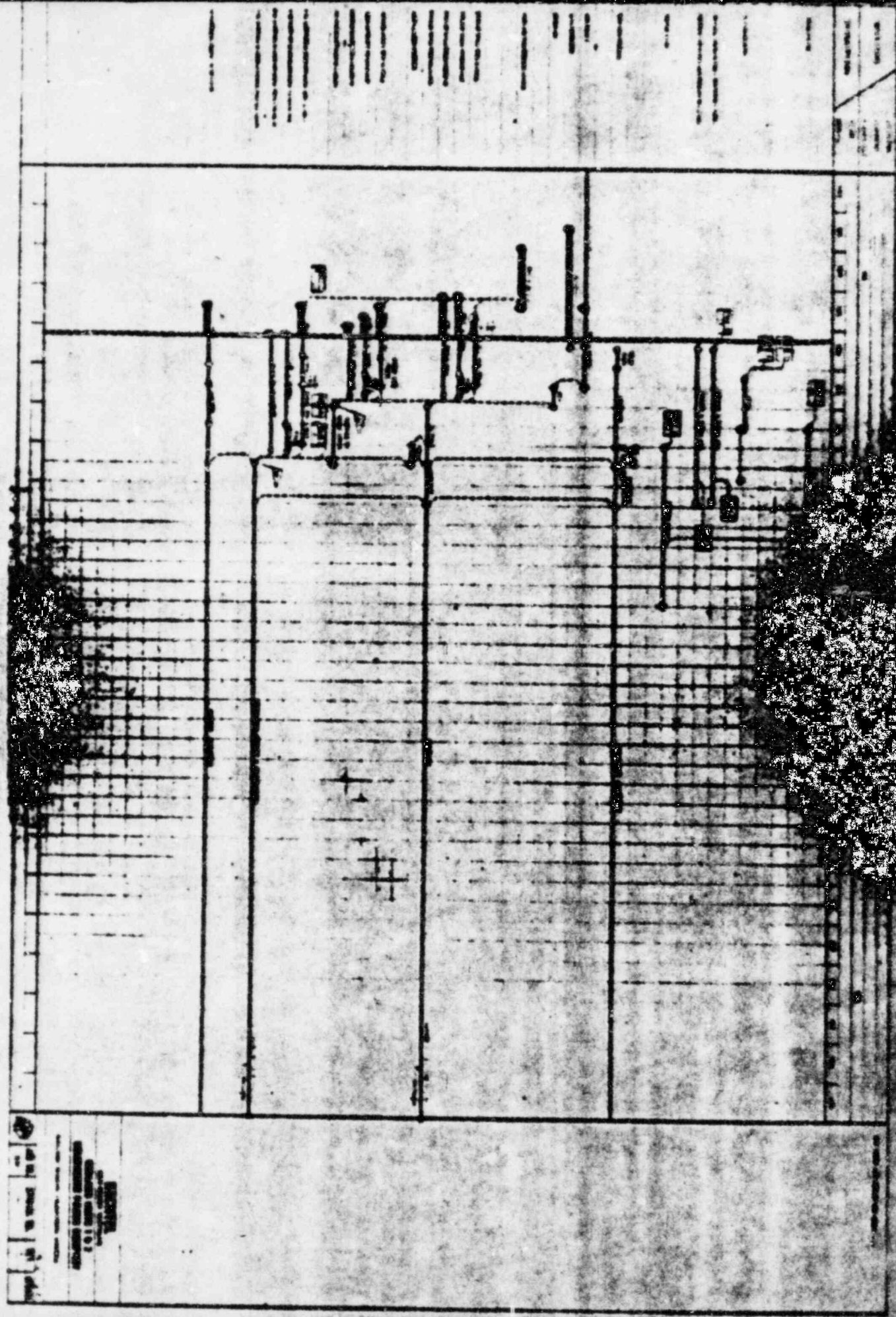


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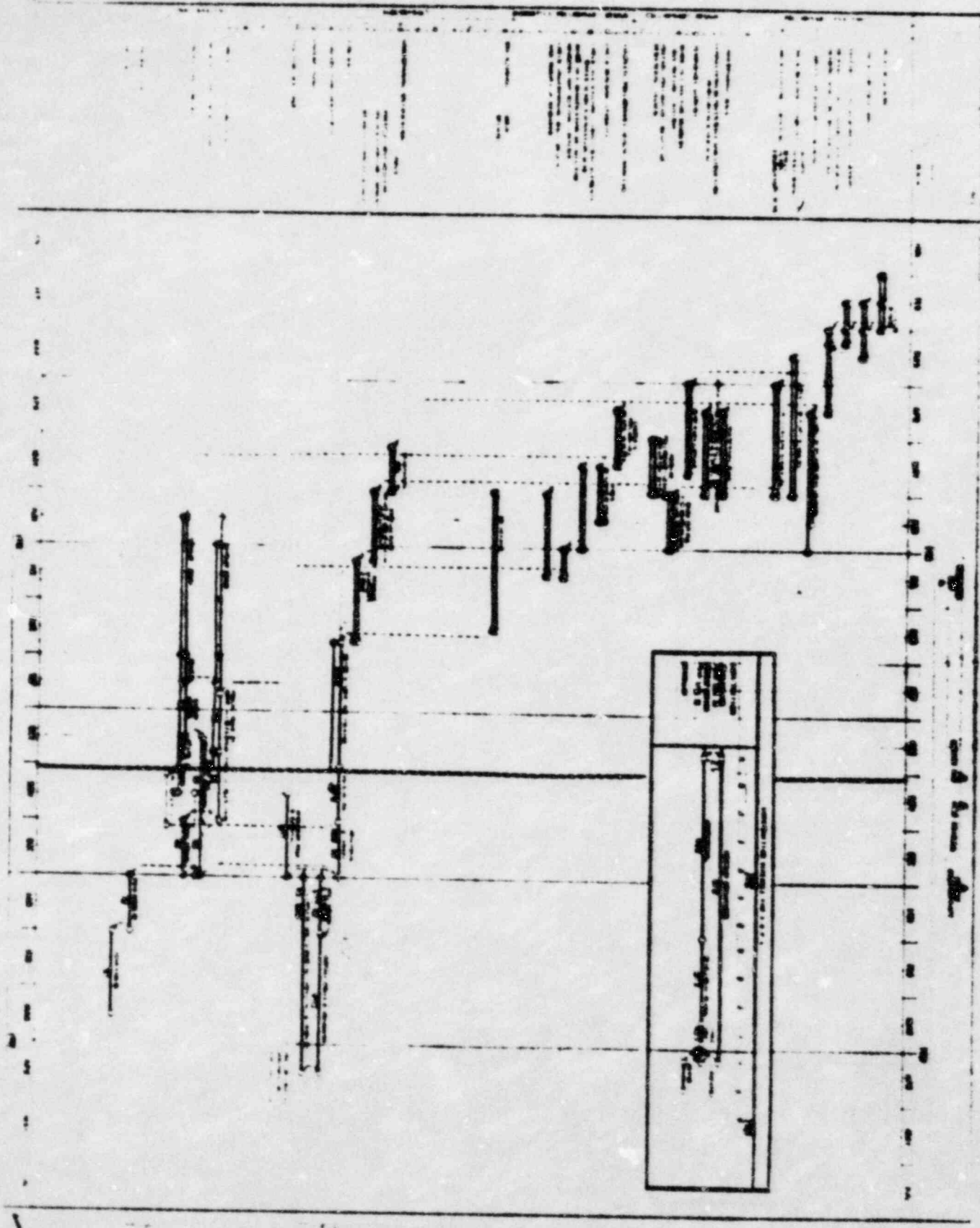
BCHTEL

BRITISH AIRWAYS  
COMMUNICATIONS COMPANY





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