

ISHAM, LINCOLN & BEALE  
COUNSELORS AT LAW

DOCKETED  
NRC

'83 FEB 28 A10:49

THREE FIRST NATIONAL PLAZA  
CHICAGO, ILLINOIS 60602  
TELEPHONE 312 558-7500  
TELEX: 2-5288

EDWARD S. ISHAM, 1872-1902  
ROBERT T. LINCOLN, 1872-1889  
WILLIAM G. BEALE, 1885-1923

SECRETARY  
TRAINING & SERVICE  
BRANCH

WASHINGTON OFFICE  
1120 CONNECTICUT AVENUE, N.W.  
SUITE 840  
WASHINGTON, D.C. 20036  
202 833-9730

February 23, 1983

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

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

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

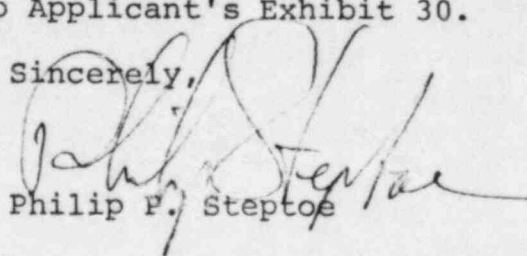
Dr. Jerry Harbour  
Atomic Safety & Licensing  
Board Panel  
U.S. Nuclear Regulatory  
Commission  
Washington, D.C. 20555

Dr. Frederick P. Cowan  
6152 N. Verde Trail  
Apt. B-125  
Boca Raton, Florida 33433

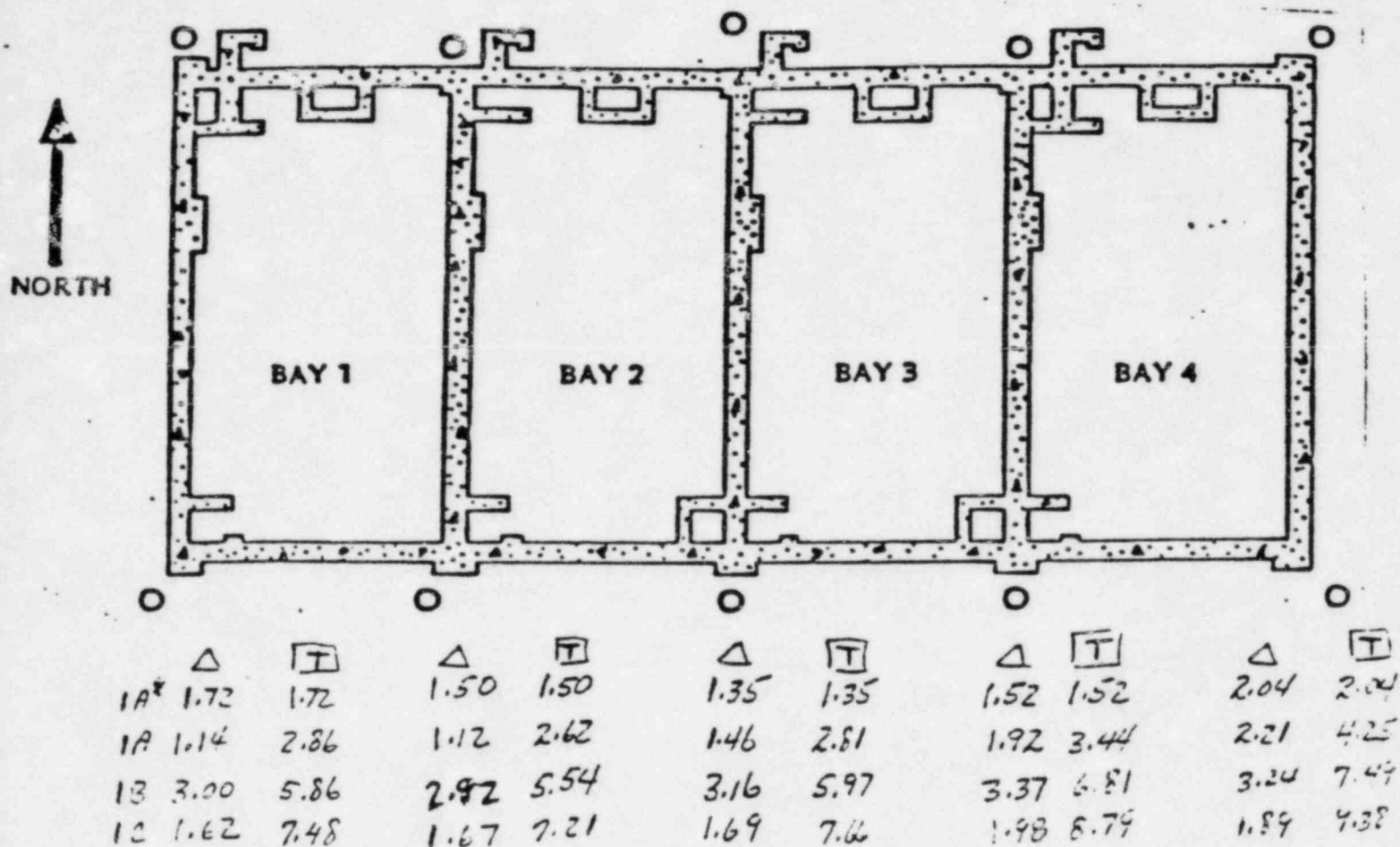
Dear Administrative Judges:

Enclosed is "Figure 29, Summary of Actual and Estimated Settlements (For Finite Element Analysis)" which was omitted from Applicant's Exhibit 30, "Structural Reanalysis of Diesel Generator Building Utilizing Actual Measured Deflections as Input", entered into evidence December 10, 1982, at Tr. 11128. Mr. Wilcove, counsel for the NRC Staff, has indicated that the attached is indeed the omitted figure. Please accept this figure into evidence as a late-filed addition to Applicant's Exhibit 30.

Sincerely,

  
Philip P. Steptoe

	$\Delta$	T	$\Delta$	T	$\Delta$	T	$\Delta$	T	$\Delta$	T
1A*	1.32	1.32	1.07	1.07	0.97	0.97	0.85	0.85	0.84	0.84
1A	0.77	2.09	1.09	2.16	1.54	2.51	1.98	2.83	2.41	3.25
1B	1.50	3.59	1.51	3.67	1.78	4.29	1.86	4.09	1.91	5.16
1C	1.33	4.92	1.15	4.82	1.19	5.48	1.18	5.87	1.29	6.45



#### LEGEND

$\Delta$  --- DELTA DEFLECTION

T --- TOTAL DEFLECTION

1A\* --- PRE-SURCHARGE PERIOD (3-28-78 TO 8-15-78) BUILD. TO ELE. 656.5 FT

1A --- PRE-SURCHARGE PERIOD (8-78 TO 1-79) BUILD TO ELE 662.0 FT.

1B --- SURCHARGE PERIOD (1-79 TO 8-79) BUILD. COMPLETED

1C --- POST SURCHARGE PERIOD (9-79 TO 12-2025) BUILD. COMPLETED

O --- DIESEL GENERATOR BUILDING SETTLEMENT MARKER  
SETTLEMENT IN INCHES

FIGURE 29 SUMMARY OF ACTUAL AND ESTIMATED SETTLEMENTS  
(FOR FINITE ELEMENT ANALYSIS).


UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of:	)	Docket Nos. 50-329 OM
	)	50-330 OM
CONSUMERS POWER COMPANY	)	Docket Nos. 50-329 OL
(Midland Plant, Units 1 & 2	)	50-330 OL

CERTIFICATE OF SERVICE

I, Philip P. Steptoe, one of the attorneys for Consumers Power Company, hereby certify that copies of my February 23rd letter to the Atomic Safety and Licensing Board and of the figure that letter describes were served upon all persons shown in the attached service list by deposit in the United States mail, first class, this 23rd day of February, 1983.

  
Philip P. Steptoe

Isham, Lincoln & Beale  
Three First National Plaza  
Suite 5200  
Chicago, Illinois 60602  
(312) 558-7500

SERVICE LIST

Frank J. Kelley, Esq.  
Attorney General of the  
State of Michigan  
Carole Steinberg, Esq.  
Assistant Attorney General  
Environmental Protection Div.  
720 Law Building  
Lansing, Michigan 48913

Cherry & Flynn  
Suite 3700  
3 First National Plaza  
Chicago, Illinois 60602

Mr. Wendell H. Marshall  
4625 S. Saginaw Rd.  
Midland, Michigan 48640

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

Dr. Frederick P. Cowan  
6152 N. Verde Trail  
Apt. B-125  
Boca Raton, Florida 33433

Lee L. Bishop  
Harmon & Weiss  
1725 I Street, NW #506  
Washington, D.C. 20006

Mr. D. F. Judd  
Babcock & Wilcox  
P.O. Box 1260  
Lynchburg, Virginia 24505

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

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

Atomic Safety & Licensing  
Appeal Panel  
U.S. Nuclear Regulatory Comm.  
Washington, D.C. 20555

Mr. C. R. Stephens  
Chief, Docketing & Services  
U.S. Nuclear Regulatory Comm.  
Office of the Secretary  
Washington, D.C. 20555

Ms. Mary Sinclair  
5711 Summerset Street  
Midland, Michigan 48640

William D. Paton, Esq.  
Counsel for the NRC Staff  
U.S. Nuclear Regulatory Comm.  
Washington, D.C. 20555

Atomic Safety & Licensing  
Board Panel  
U.S. Nuclear Regulatory Comm.  
Washington, D.C. 20555

Barbara Stamiris  
5795 North River Road  
Route 3  
Freeland, Michigan 48623

Jerry Harbour  
Atomic Safety & Licensing  
Board Panel  
U.S. Nuclear Regulatory Comm.  
Washington, D.C. 20555