



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

DMB  
50-329  
50-330

June 27, 1984

MEMORANDUM FOR: Region III Files  
FROM: R. F. Warnick, Chief, Projects Branch 1  
SUBJECT: INFORMATION FOR PUBLIC DOCUMENT ROOM - MIDLAND

On May 4, 1984, J. G. Keppler and other representatives of the NRC held two meetings in Midland, Michigan. The first meeting was with Consumers Power Company (CPCo) for the purpose of having CPCo describe its revised construction schedule and related assumptions. The second meeting was with Cresap, McCormick, and Paget (CMP) for the purpose of having CMP describe the management appraisal CMP is slated to perform at Midland. These meetings are documented in Inspection Report No. 50-329/84-12, 50-330/84-12.

Following the first meeting several members of the public offered comments. Copies of comments made by two individuals were provided to the NRC and are attached as Enclosures 1 and 2.

During the second meeting CMP gave the NRC copies of statements of independence for individuals assigned to perform the Midland management appraisal. These are attached as Enclosure 3.

By transmittal with this memorandum, these documents are being placed in the Public Document Room.

*RF Warnick*

R. F. Warnick, Chief  
Projects Branch 1

Encls: 1. Statement by Dr. Oswald  
U. Anders  
2. Statement by Mary Sinclair  
3. Statements of Independence  
from CMP

cc w/encls:  
DMB/Document Control Desk (RIDS)  
Resident Inspector, RIII

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## STATEMENT ON THE MIDLAND NUCLEAR PROJECT

made at the hearing by the Nuclear Regulatory Commission  
in Midland, Mich. on May 4, 1984

The Midland, Michigan Nuclear Power Project has entered a critical phase. It is reportedly 85% complete, yet there is serious consideration given to abandon the project.

A variety of reasons are given for this state of affairs: The one most prominent at this time is the apparent inability of Consumers Power to raise the funds for the completion of the plant. Supposedly this is contingent upon the approval by the Michigan Public Services Commission, which views the escalating costs of the project and the fact that in its Region III the NRC has not given an operating permit even to virtually completed plants, since the TMI incident, even though utilities that have operated nuclear plants for more than 20 years successfully are the owners of these projects.

It can be presumed that the inability to get speedy resolution of the issues that impede action by NRC is either the lack of safety features built into these plants and the inability of NRC to communicate what these are supposed to consist of, or the conviction, shared by the people opposed to nuclear power in general, that no nuclear power plant can be built safely, and that it was a hoax upon the people to have these projects started in the first place.

We believe that the latter is not the case and that the experience with nuclear power, and especially civilian nuclear power, can be the proof for this contention. Civilian Nuclear Power is operational in this country since 1961 and providing a considerable share of the electric power needs. Military nuclear power in submarines and capital ships of our fleet seems to work without a hitch and ever more nuclear-powered ships are taken into service. The experience with nuclear power in less developed countries also proves out that nuclear plants can be built and operated safely and economically. It would be indeed a joke, if we were convinced that nuclear power is safe enough to export with US financing to Communist China, yet we ourselves cannot finish and commission any plants in the heartland of industrial America, where the first nuclear reactors came into being, and worked safely for more than 500 operating years.

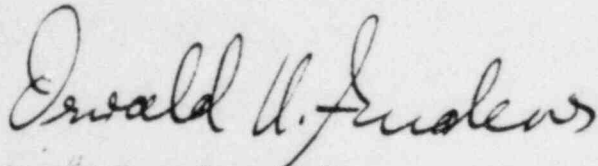
We are certain that by now NRC has learned that delays caused by the regulatory process are directly converted into enormous non-productive outlays by the waiting utilities for the servicing of the already invested funds, and that this servicing of the debts does not terminate with the abandonment of a project, but rather wreaks havoc with the economy of the area which that plant was intended to serve.

We understand that NRC had to go through a learning process over the recent past. We know that this learning was painful and that it cost us Midlanders more than a billion dollars. It has brought us to the point where we now much better understand what that bible passage on the Tower of Babel was all about.

It is our fervent prayer, that NRC has by now graduated from its learning experience, that it can communicate what a utility must do so that its project can be licensed, and that it now goes about its business of helping the public and its utilities to get these plants on line, before whole regions are turned into economic wastelands and the need for any further regulation becomes superfluous.

We have followed the efforts of Consumers Power Co., a company that is the second-oldest nuclear utility in this country and has not experienced any major nuclear incident, to develop a "plant completion plan" over the past year. We are aware of the most extraordinary training of QC and QA personnel that has been carried out to have on hand a superb team to bring this plant to completion.

We now urge the Commission to delay no longer, give the "go-ahead" to that team, and do its very utmost to help that they can and do construct a licensable plant with no more delays; for our financial capabilities are at their end and certain economic ruin is now a much greater possibility than a long-shot chance of a nuclear incident.

A handwritten signature in cursive script that reads "Oswald U. Anders". The signature is written in dark ink and is positioned above the typed name and address.

Oswald U. Anders Ph.D  
801 Linwood Dr.  
Midland, Mich. 48640

Statement by Mary Sinclair for the Caseload Forecast Panel

May 4, 1984

There are several large issues that the Caseload Forecast Panel must consider in its deliberations of the construction completion date for Midland.

I. The Caseload Forecast Panel has an obligation to explain how any final date can be set as long as the diesel generator building (DGB) at this time would not be licensable according to the Nuclear Regulatory Commission's (NRC's) own criteria. After the DGB was found to be settling excessively in 1978, Consumers Power Co. (CPCo) made a decision, as recommended by Bechtel's soil consultant, Dr. Peck, to preload the building in order to get it to settle its maximum. At that time, in a meeting on December 4, 1978, Darl Hood, NRC Project Manager of the Midland plant, said that the NRC inspectors had serious reservations about the preload option and, therefore, CPCo would have to take this step at their own risk without NRC approval. He also said that the building would ultimately have to meet or exceed the Final Safety Analysis Report (FSAR) requirements in order to be licensable. In the past 18 months, Dr. Ross Landsman has expressed reservations about the adequacy of the DGB. The Army Corp of Engineers also stated that they could not certify the building as being adequate. In addition, a special task force that was named to review this building, the Brookhaven task force, stated in their report of October, 1983, that the building does not meet the FSAR requirements. Therefore, according to NRC's own standards, this building would not be licensable.

II. Last year in a letter dated August 9, 1983, Thomas M. Novak, Assistant Director for Licensing, wrote a letter to Mr. James Cook, Vice-President of CPCo, to advise him that the staff believed that the Construction Completion Plan (CCP) estimate of 14 months to complete preoperational and acceptance testing for both units unduly optimistic. The staff believed, based on their experience, that this activity would require at least 24 months. The staff also stated that the CCP forecast did not account for the large uncertainties in the work that must precede testing which could add many months to the schedule.

III. Since that time, the CCP was approved in October, 1983. At the same time, 9 Stop Work Orders were filed because of serious problems with design changes and documents. All safety work was stopped on the site for these reasons until the end of February, 1984. Work on the CCP was started at that time. Only last week, an inspector stated that work on the CCP is only 2% completed at present.

IV. At the February 8, 1983, public meeting, Mr. James Cook was asked what percentage of the plant was completed. He answered 85%. He was then asked if that included the soils work and to that he replied that it was on a different track. When resident inspector, Ron Cook, took the stand in April, 1983, at the hearings, he was asked if he agreed that the plant was 85% complete. He stated that he could only say that 85% of the hardware was on the site. He said that there were so many problems and an undetermined number of areas where work had to be redone that it was difficult to state that it was 85% complete. Later in the hearings, when confronted with this evaluation of what was going on at the site, both Mr. James Cook and Mr. Rutgers, chief project consultant of Bechtel, stated they would have to agree with it. This spring, Mr. Selby continues to state that the project is 85% complete.

V. Furthermore, there have been a number of other unforeseen problems that have developed at the plant site, especially in the soils work. For example, the soils bearing capacity was found to be 1/2 of what they set forth in the original analysis. Seepage of water from pockets of sand has been interfering with the concrete pier work, in spite of the dewatering program and the freeze wall. The Auxiliary Building has developed so many cracks that CPCo has stated to the NRC that they have had to establish criteria for those cracks that they will map, since mapping all of them is not possible. Cracks have developed in the floor of the control tower, which CPCo's computer models ~~have~~<sup>had</sup> indicated was not possible.

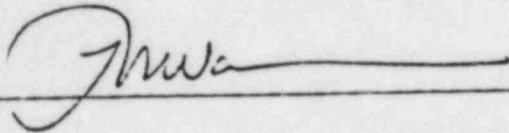
All of these factors, which indicate problems beyond the scope of what was anticipated, that are taking a great deal of time to resolve, and which raise the question as to whether the plant is indeed licensable, should be addressed by the Caseload Forecast Panel in their deliberations on a final construction completion date.

STATEMENT OF INDEPENDENCE

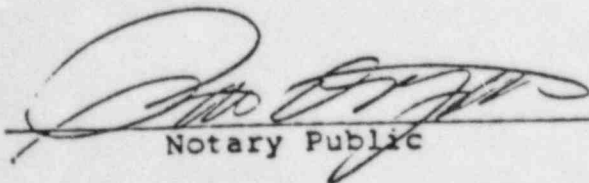
AFFIDAVIT OF LEONARD R. WASS

I, LEONARD R. WASS, am employed by Cresap, McCormick and Paget, a Division of Towers, Perrin, Forster & Crosby, Inc. I am currently assigned to the team which is conducting an independent management appraisal of the Midland Nuclear Project. I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual funds or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives who are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

  
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Sworn and Subscribed Before Me This 24 Day of February 1984

  
\_\_\_\_\_  
Notary Public

NOTARY PUBLIC STATE OF ILLINOIS  
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ISSUED THRU ILL. NOTARY ASSOC.

My Commission Expires \_\_\_\_\_

STATEMENT OF INDEPENDENCE

AFFIDAVIT OF JEFFREY A. SCHMIDT

I, JEFFREY A. SCHMIDT, am employed by Cresap, McCormick and Paget, a Division of Towers, Perrin, Forster & Crosby, Inc. I am currently assigned to the team which is conducting an independent management appraisal of the Midland Nuclear Project. I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual funds or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives who are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

Jeffrey Schmidt

Sworn and Subscribed Before Me This 24 Day of March 1984

[Signature]  
Notary Public

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STATEMENT OF INDEPENDENCE

AFFIDAVIT OF ANASTASSIOS D. FAKONAS

I, ANASTASSIOS D. FAKONAS, am employed by Cresap, McCormick and Paget, a Division of Towers, Perrin, Forster & Crosby, Inc. I am currently assigned to the team which is conducting an independent management appraisal of the Midland Nuclear Project. I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual funds or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives who are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

Anastassios D. Fakonas

Sworn and Subscribed Before Me This 29th Day of February 1984

[Signature]  
Notary Public

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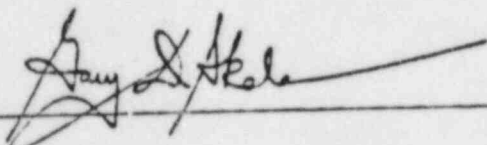


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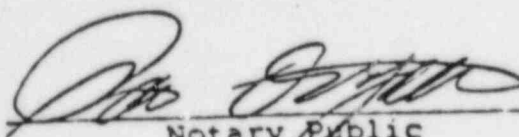
AFFIDAVIT OF GARY D. SKALA

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Signed

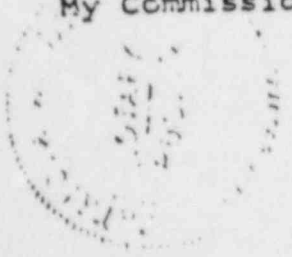
  
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Sworn and Subscribed Before Me This 5<sup>TH</sup> Day of March 1984

  
\_\_\_\_\_  
Notary Public

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ILL. NOTARY REG. NO.

My Commission Expires \_\_\_\_\_



STATEMENT OF INDEPENDENCE

AFFIDAVIT OF GARRETT L. DIETZ

I, GARRETT L. DIETZ, am employed by Cresap, McCormick and Paget, a Division of Towers, Perrin, Forster & Crosby, Inc. I am currently assigned to the team which is conducting an independent management appraisal of the Midland Nuclear Project. I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual funds or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives who are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

(see below)

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Sworn and Subscribed Before Me This \_\_\_\_\_ Day of March 1984

\_\_\_\_\_  
Notary Public

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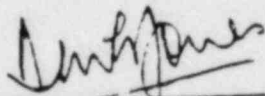
N.B. Mr. Dietz is out of the country until the middle of April. He will sign this affidavit upon his return.

STATEMENT OF INDEPENDENCE

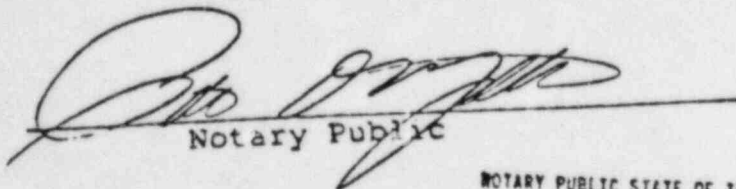
AFFIDAVIT OF DAVID GRENDER-JONES

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Signed



Sworn and Subscribed Before Me This 20 Day of February 1984

  
Notary Public

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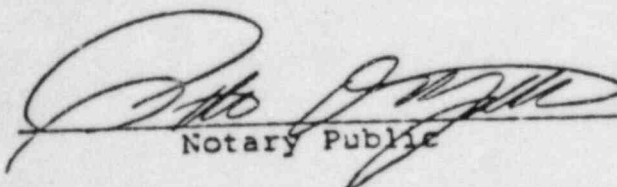
AFFIDAVIT OF RICHARD P. SNAIDER

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Signed

  
\_\_\_\_\_

Sworn and Subscribed Before Me This 3<sup>rd</sup> Day of February 1984

  
\_\_\_\_\_  
Notary Public

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NOTARY PUBLIC STATE OF ILLINOIS  
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ISSUED IN ILL. NOTARY #0000

RICHARD P. SNAIDER

I was employed by TERA Corporation from January 1982 to September 1983. During this term of employment I served as Lead ~~Hardware Engineer~~ Systems Engineer for the review of the AFW System as part of the Midland Independent Design and Construction Verification project. I also was involved in the reviews of Standby Electric Power and HVAC systems. My wife owns 200 shares of TERA stock.

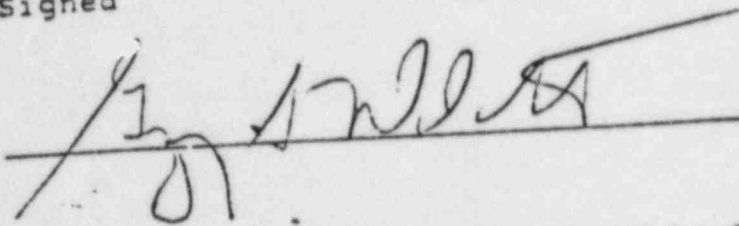
We also own shares in Energy Fund, a mutual fund run by Neuberger-Berman. It invests in various stocks, including those of electric utilities. I do not have a controlling interest.

STATEMENT OF INDEPENDENCE

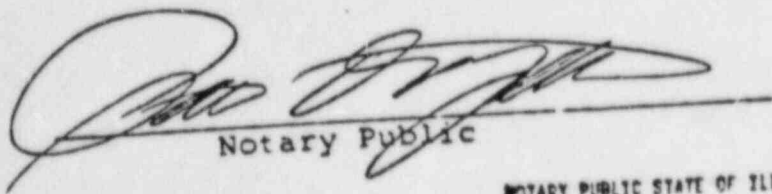
AFFIDAVIT OF GREGORY S. WOLCOTT

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Signed

  
\_\_\_\_\_

Sworn and Subscribed Before Me This 2nd Day of March 1984

  
\_\_\_\_\_

Notary Public

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STATEMENT OF INDEPENDENCE

AFFIDAVIT OF CLAYTON M. PRESS, JR.

I, CLAYTON M. PRESS, JR., am employed by Cresap, McCormick and Paget, a Division of Towers, Perrin, Forster & Crosby, Inc. I am currently assigned to the team which is conducting an independent management appraisal of the Midland Nuclear Project. I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual funds or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives who are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

Clayton M. Press Jr.

Sworn and Subscribed Before Me This 29th Day of February 1984

[Signature]  
Notary Public

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MY COMMISSION EXP. FEB 4, 1987  
ISSUED TH. ILL. NOTARY ASSOC.

My Commission Expires \_\_\_\_\_

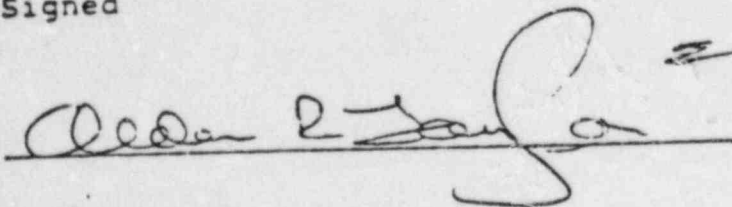


STATEMENT OF INDEPENDENCE

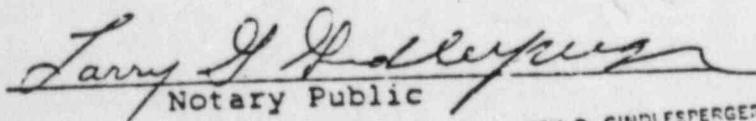
AFFIDAVIT OF ALDEN R. TAYLOR III

I, ALDEN R. TAYLOR III, am employed by Cresap, McCormick and Paget, a Division of Towers, Perrin, Forster & Crosby, Inc. I am currently assigned to the team which is conducting an independent management appraisal of the Midland Nuclear Project. I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual funds or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives who are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed



Sworn and Subscribed Before Me This 2<sup>nd</sup> Day of March 1984

  
Notary Public

LARRY G. GINDLESPERGER  
Notary Public, State of New York  
No. 21-4734531  
Qualified in New York County  
Commission Expires March 30, 1985

My Commission Expires



STATEMENT OF INDEPENDENCE

AFFIDAVIT OF ROBERT C. LESEUR

I, ROBERT C. LESEUR, am employed by Cresap, McCormick and Paget, a Division of Towers, Perrin, Forster & Crosby, Inc. I am currently assigned to the team which is conducting an independent management appraisal of the Midland Nuclear Project. I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual funds or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives who are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

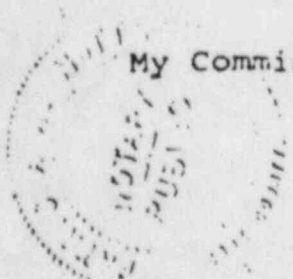
Robert C. Lesuer

Sworn and Subscribed Before Me This 29th Day of February 1984

[Signature]  
Notary Public

NOTARY PUBLIC STATE OF ILLINOIS  
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ISSUED THRU ILL. NOTARY ASSOC.

My Commission Expires \_\_\_\_\_



STATEMENT OF INDEPENDENCE

AFFIDAVIT OF BRUCE R. PITTENGER

I, BRUCE R. PITTENGER, am employed by Cresap, McCormick and Paget, a Division of Towers, Perrin, Forster & Crosby, Inc. I am currently assigned to the team which is conducting an independent management appraisal of the Midland Nuclear Project. I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual funds or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives who are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

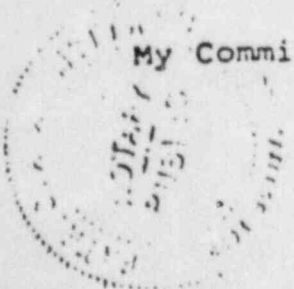
Bruce R. Pittenger

Sworn and Subscribed Before Me This 9<sup>th</sup> Day of March 1984

[Signature]  
Notary Public

NOTARY PUBLIC STATE OF ILLINOIS  
MY COMMISSION EXP. NOV 4, 1987  
ISSUED THRU ILL. NOTARY ASSOC.

My Commission Expires \_\_\_\_\_



STATEMENT OF INDEPENDENCE

AFFIDAVIT OF PATRICK A. NEVINS

I, PATRICK A. NEVINS, am employed by Cresap, McCormick and Paget, a Division of Towers, Perrin, Forster & Crosby, Inc. I am currently assigned to the team which is conducting an independent management appraisal of the Midland Nuclear Project. I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual funds or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives who are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

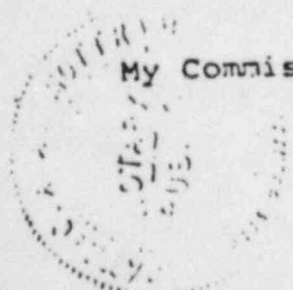
Patrick A. Nevins

Sworn and Subscribed Before Me This 9th Day of March 1984

[Signature]  
Notary Public

NOTARY PUBLIC STATE OF ILLINOIS  
MY COMMISSION EXP. NOV 4, 1987  
ISSUED THRU ILL. NOTARY ASSOC.

My Commission Expires \_\_\_\_\_



STATEMENT OF INDEPENDENCE

AFFIDAVIT OF WILLIAM EHRENSPERGER

I, WILLIAM EHRENSPERGER, am employed by Cresap, McCormick and Paget, a Division of Towers, Perrin, Forster & Crosby, Inc. I am currently assigned to the team which is conducting an independent management appraisal of the Midland Nuclear Project. I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual funds or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives who are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

William Ehrensperger

Sworn and Subscribed Before Me This 3rd Day of March 1984

Dorothy Edwards  
Notary Public

My Commission Expires \_\_\_\_\_

Notary Public, Georgia, State at Large  
My Commission Expires Aug 18, 1985

STATEMENT OF INDEPENDENCE

AFFIDAVIT OF JOHN W. BECK

My name is JOHN W. BECK. I am employed by TERA Corporation.

I am currently assigned to the team which is conducting an independent management appraisal of the Midland Nuclear project. Prior to being given this assignment, I have been involved with the Midland Independent Design and Construction Verification Program (IDCV) reviewing activities outside the scope of the Independent Management Appraisal Program (IMAP). With the exception of the IDCVP, I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual fund or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives which are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

John W. Beck

Sworn and Subscribed Before Me This 22<sup>nd</sup> Day of February 1984



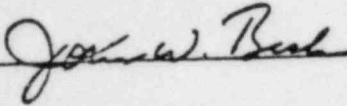
Linda LeKoff  
Notary Public

My Commission Expires My Commission Expires July 1, 1986

ATTACHMENT TO AFFIDAVIT OF JOHN W. BECK

I currently own shares in the JANUS FUND, a mutual fund over which I have no control.

Signed

  
\_\_\_\_\_


STATEMENT OF INDEPENDENCE


AFFIDAVIT OF Martin B. Jones, Jr.

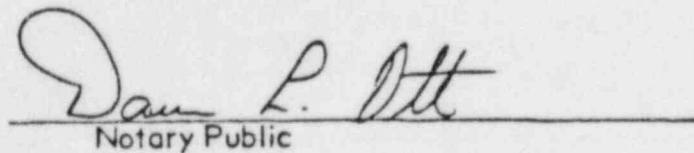
My name is Martin B. Jones, Jr.. I am employed by TERA Corporation.

I am currently assigned to the team which is conducting an independent management appraisal of the Midland nuclear project. Prior to being given this assignment, I have been involved with the Midland Independent Design and Construction Verification Program (IDCV) reviewing activities outside the scope of the Independent Management Appraisal Program (IMAP). With the exception of the IDCVP, I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual fund or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives which are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

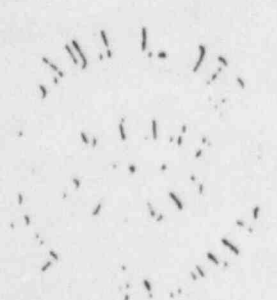
Signed



Sworn and Subscribed Before Me This 5 <sup>MARCH</sup> Day of ~~February~~ 1984 

  
Notary Public

My Commission Expires 9-16-93



STATEMENT OF INDEPENDENCE

AFFIDAVIT OF Frank A. Dougherty

My name is Frank A. Dougherty. I am employed by TERA Corporation.

I am currently assigned to the team which is conducting an independent management appraisal of the Midland nuclear project. Prior to being given this assignment, I have been involved with the Midland Independent Design and Construction Verification Program (IDCV) reviewing activities outside the scope of the Independent Management Appraisal Program (IMAP). With the exception of the IDCVP, I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual fund or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives which are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

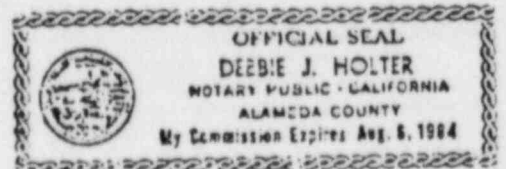
Signed

Frank A. Dougherty

Sworn and Subscribed Before Me This 2nd Day of February 1984

Debbie J. Holter  
Notary Public

My Commission Expires August 6, 1984



B-84-98

  
TERA CORPORATION



Mutual Funds

Merrill Lynch CMA Money Trust  
Kemper Money Market  
Daily Interest Fund

Mathera Fund

Energy Fund

20th Century Growth Fund

STATEMENT OF INDEPENDENCE

AFFIDAVIT OF HOWARD A. LEVIN

My name is HOWARD A. LEVIN. I am employed by TERA Corporation.

I am currently assigned to the team which is conducting an independent management appraisal of the Midland nuclear project. Prior to being given this assignment, I have been involved with the Midland Independent Design and Construction Verification Program (IDCV) reviewing activities outside the scope of the Independent Management Appraisal Program (IMAP). With the exception of the IDCVP, I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual fund or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives which are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

Howard A. Levin

Sworn and Subscribed Before Me This 22<sup>nd</sup> Day of February 1984

Richard Lee Robb  
Notary Public

My Commission Expires My Commission Expires July 1, 1986

List of Mutual Funds - Howard A. Levin

AG Pace

Merrill Lynch CMA

Government Services Money Fund

STATEMENT OF INDEPENDENCE

AFFIDAVIT OF LAWRENCE H. WIGHT

My name is Lawrence H. Wight. I am employed by TERA Corporation.

I am currently assigned to the team which is conducting an independent management appraisal of the Midland nuclear project. Prior to being given this assignment, I have been involved with the Midland Independent Design and Construction Verification Program (IDCV) reviewing activities outside the scope of the Independent Management Appraisal Program (IMAP). With the exception of the IDCVP, I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual fund or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives which are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

LHW

Sworn and Subscribed Before Me This 23rd Day of February 1984

Debbie J. Holter  
Notary Public

My Commission Expires Aug 6, 1984



STATEMENT OF INDEPENDENCE

AFFIDAVIT OF FREDERICK A. PELLERIN

My name is FREDERICK A. PELLERIN. I am employed by TERA Corporation.

I am currently assigned to the team which is conducting an independent management appraisal of the Midland nuclear project. Prior to being given this assignment, I have been involved with the Midland Independent Design and Construction Verification Program (IDCV) reviewing activities outside the scope of the Independent Management Appraisal Program (IMAP). With the exception of the IDCV, I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual fund or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives which are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

*Frederick A. Pellerin*

Sworn and Subscribed Before Me This 22<sup>nd</sup> Day of February 1984

*Blaine J. Omi*  
Notary Public  
My Commission Expires Feb 11 1985  
Notary Public, State Of Florida At Large  
My Commission Expires Feb 11 1985



STATEMENT OF INDEPENDENCE

AFFIDAVIT OF FRANK L. BAMFORD

My name is FRANK L. BAMFORD. I am employed by TERA Corporation.

I am currently assigned to the team which is conducting an independent management appraisal of the Midland nuclear project. Prior to being given this assignment, I have been involved with the Midland Independent Design and Construction Verification Program (IDCV) reviewing activities outside the scope of the IDCVP, I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual fund or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives which are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

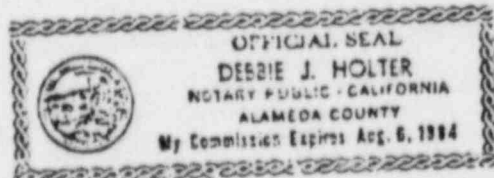
Signed

Frank L. Bamford

Sworn and Subscribed Before Me This 23rd Day of February 1984

Debbie J. Holter  
Notary Public

My Commission Expires Aug. 6, 1984



STATEMENT OF INDEPENDENCE

AFFIDAVIT OF DON K DAVIS

My name is DON K. DAVIS. I am employed by TERA Corporation.

I am currently assigned to the team which is conducting an independent management appraisal of the Midland nuclear project. Prior to being given this assignment, I have been involved with the Midland Independent Design and Construction Verification Program (IDCV) reviewing activities outside the scope of the Independent Management Appraisal Program (IMAP). With the exception of the IDCVP, I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual fund or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives which are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

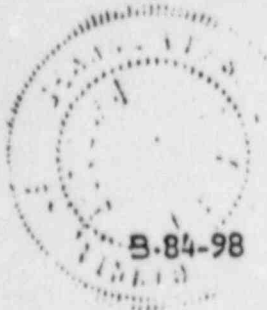
Signed

Don K Davis

Sworn and Subscribed Before Me This 21<sup>st</sup> Day of February 1984

Jeanne Ann Scoles  
Notary Public

My Commission Expires My Commission Expires Sep. 21, 1992



TERA CORPORATION

STATEMENT OF INDEPENDENCE

AFFIDAVIT OF DONALD B. TULODIESKI

My name is DONALD B. TULODIESKI. I am employed by TERA Corporation.

I am currently assigned to the team which is conducting an independent management appraisal of the Midland nuclear project. Prior to being given this assignment, I have been involved with the Midland Independent Design and Construction Verification Program (IDCV) reviewing activities outside the scope of the Independent Management Appraisal Program (IMAP). With the exception of the IDCVP, I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company, Bechtel, or the Babcock and Wilcox Company relating to issues that I am reviewing. I have never been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox Company. I do not own any shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock. Mutual fund or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company, Bechtel, or Babcock and Wilcox stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives which are or have been employed by Consumers Power Company, Bechtel, or Babcock and Wilcox.

Signed

Donald B. Tulodieski

Sworn and Subscribed Before Me This 22<sup>nd</sup> Day of February 1984

Richard Lee Kobb  
Notary Public

My Commission Expires July 1, 1985

\* Employed by Babcock & Wilcox Co. from 1973 to 1978. Final position was Project Manager for Toledo Edison, Davis Besse units.