



D. Daniels
Boyd
Jones
Knepp

Midland Project: P.O. Box 1963, Midland, Michigan 48640 • Area Code 517 631-0951

June 29, 1981

Mr. Cordell Williams, Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Mr. Williams:

Attached for your information is a copy of our letter to Mr. Dennis Saunders along with our complete evaluation of his allegations that we were not living up to the intent of the NRC Immediate Action Letter of May 22, 1981. We feel we have fully investigated his concerns.

D B Miller
Site Manager

CC: D. Saunders
W R Bird, P-14-418A
J W Cook, P-26-336B
R J Cook, NRC-Site

Attachment



CONSUMERS
POWER
COMPANY

Midland Project: P.O. Box 1963, Midland, Michigan 48640 • Area Code 517 631-0951

June 29, 1981

Mr. Dennis Saunders
P.O. Box 2101
Midland, MI 48640

Dear Mr. Saunders:

On June 17, 1981 Mr. R. E. Whitaker of Consumers Power Company met with you at your offices in Auburn, Michigan to discuss your concerns with small pipe design at the Midland Nuclear Plant. Attachment #1 to this letter was prepared and given to you on June 19. Attachment #2 was returned to Consumers Power Company on June 26 with essentially the same information contained in Attachment #1. There were some minor changes in the descriptions and your job position.

Since the meeting at your offices, we have tried to investigate your concerns to the extent possible. We have talked to you numerous times on the phone asking you to be more specific with those concerns. You provided us with a specific reference on June 26, 1981 (FSK-M-1HBC-184-1).

During the period between learning of your general concerns and actually receiving your specific concerns, we have done the following:

1. We have gathered together all hanger drawing transmittal sheets issued since the May NRC Inspection. We have verified these sheets against the stress calculation status report or the calculation package and have found that all transmittals of new or revised hanger drawings were backed up by stress calculations which were Committed Preliminary Design Calculations.
2. We have reviewed the hanger drawing red lines approved since the NRC Inspection. Of the 150 reviewed, we have found none that violated the specific written guidelines established for hanger red lines after the NRC Audit.
3. With respect to your specific concern, we have verified that all activities done by Bechtel relative to that FSK had been performed in accordance with existing procedures.

In listening to your concerns the past days, we believe that part of your concerns can be attributed to the fact that you were only at Midland a short time and did not have a full understanding of the procedures used at the site. Secondly, we believe that, since you were unaware that the NRC did not stop small pipe hanger installation at the site, this could have led you to feel that we were not

Page 2
Mr. Dennis Saunders
June 29, 1981

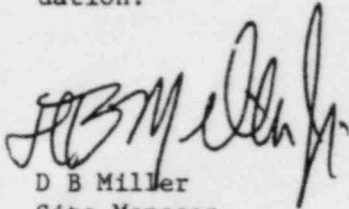
complying with the NRC's Immediate Action Letter. This was, in fact, not the case.

Attachment #3 is a press clipping that I believe best explains the thoughts I discussed with you on the phone.

We thank you for bringing your concerns to our attention. It is very important that employees identify any problems that they feel are not being addressed. We believe we have thoroughly investigated your concerns. To the best of our knowledge, and because of the hours we spent reviewing your concerns, we are confident that all small pipe and supports design and redesign are being performed in accordance with the intent of the NRC Immediate Action Letter and in accordance with present Bechtel Power procedures and specifications.

We are also forwarding your concerns and the results of our investigation to the NRC since our compliance with their May 22, 1981 Immediate Action Letter was in question.

Please find Attachment #4 which is the official close-out of the allegation evaluation.



D B Miller
Site Manager

CC: JWCook, P-26-336B
WRBird, P-14-418A

ATTACHMENT #1

Consumers
Power
Company
QA68-0

ALLEGATION EVALUATION

1. Allegation Serial No 3

2. Who received the allegation? P. Corcoran
3. When was the allegation received? Sat. June 13, 1981
4. How was the allegation received? ie, telephone, face-to-face, by letter? _____
5. When was the allegation reported to CP Co - QA? Mon. June 15, 1981
6. Name of the allegator: Dennis Saunders
7. Who is allegator's employer and what is the allegator's position? formerly employed by AP Engineering
8. Where can the allegator be contacted? PO Box 2101 Midland 48640
9. When will the allegator make next contact? NA
10. Can the allegator's name be used in investigation of allegation? yes
(If Yes, will allegator provide signature to this page yes)
11. Will the allegator permit his name to be used in reports to the NRC? yes
12. Will the allegator provide details of his allegation to the NRC? unknown now
662-6669 office

STANDARD INFORMATION CHECKLIST

1. Notify the allegator of the procedure for investigating allegations. REWhitaker
2. Explain that if the allegation is validated, an NCR will be issued and the allegator will be provided with a copy of the NCR, subsequent documentation and the closed NCR. REWhitaker
3. Explain that if required by 10CFR50.55(e) or 10CFR Part 21, the nonconformance will be reported to the NRC. REWhitaker
4. Explain that if investigation does not substantiate the allegation of if the allegation is not safety related, it will be dropped by QA at that time and he will be so notified. REWhitaker
5. Explain that the allegator will be provided a copy of the final report. REWhitaker

Signature of the allegator indicating (i) permission to release his name in internal investigation of the allegation (ii) permission to release his name in reports to NRC if investigation determines that condition is reportable (iii) that Items 1, 2, 3, 4, 5 in the checklist above have been explained and understood.

Dated: _____ Signature: _____

YES IF NECESSARY
LBM/WZ/W/EI/PC
Telcom with DS.
Completed By



ALLEGATION EVALUATION

1. Allegation Serial No 3

2. Does alleged condition affect a Q-listed system/component/item?

Yes No

3. If "No" to 2, above, forward to Midland Project Management Organization or GPMD, as applicable, for further investigation.

4. Does alleged condition actually exist? Yes No

What was found? _____

5. If "No" to 4, above, terminate investigation, enter NA in Blocks 5 through 12, sign Blocks 13 and 14 and distribute.

6. Has the alleged condition previously been documented on a nonconformance-type report?

Yes No

7. If "Yes" to 6, above, enter nonconformance-type report identification:

8. If "Yes" to 6, above, does nonconformance-type report adequately describe alleged condition, is corrective action adequate to resolve the alleged condition, and is corrective action progressing adequately?

Yes No

9. Describe any actions taken to resolve inadequacies found in 8, above:

10. If "Yes" to 8, above, enter NA in Blocks 11 and 12, sign Blocks 13 and 14 and distribute.

11. Does the alleged condition constitute a nonconforming condition which has not been previously documented? Yes No

12. If "Yes" to 11, above, prepare an NCR and enter the NCR No.

NCR No _____

13. Evaluation Completed By/Date:

14. Evaluation Reviewed by Manager, MPQA or Section Head, QAE&I/Date:



Consumers
Power
Company
QA67-0

ALLEGATION EVALUATION

FORM 304 P7
PROJECTS, ENGINEERING
AND CONSTRUCTION -
QUALITY ASSURANCE DEPARTMENT

1. Allegation Serial No 3

Specifics of Allegations

2. What is the alleged condition? See attached page 4
3. What is the location of alleged condition? No specific plant location because it is a design question.
4. What systems, components, items are affected by alleged condition? not known at this time
5. For how long has the alleged condition existed? Since the NRC inspection which ended May 22, 1981
6. What requirement was violated by alleged condition? NRC Immediate Action Letter dated May 22, 1981
7. To whom has this condition been previously reported? An attempt was made to discuss it with F. Young, T. Supplee, or P. Corcoran the week of June 8-12, 1981
8. When was the condition previously reported? See item 7
9. What actions have been taken to resolve alleged condition and by whom have the actions been taken? Midland Project Quality Assurance is reviewing the Redline Logs, Drawing Transmittals and the actual redlined drawings for the May 20 to June 18, 1981 time period to determine what was redlined or revised during that time and how it was handled.
10. Is alleged condition covered by an existing nonconformance report? No

11. Prepared By/Date:

RE Whitaker 6/18/81

Alleged condition

1. That Pravin Patel and maybe others had approved redlines of hanger drawings for systems that had only preliminary calculations rather than committed preliminary design calculations as required by the verbal instructions from Becht. Resident Engineering.
2. That Pravin Patel revised hanger drawings as they were possibly issued having only preliminary calculations, not committed preliminary design calculations to support the system design.

RE Whitaker 6/18/81

ATTACHMENT #2



ALLEGATION EVALUATION

PROJECTS, ENGINEERING
AND CONSTRUCTION -
QUALITY ASSURANCE DEPARTMENT

1. Allegation Serial No _____

- 2. Who received the allegation? Pat Corcoran, Tom Supplee, and Jim Reinsch
- 3. When was the allegation received? May 26, 1981
- 4. How was the allegation received? ie, telephone, face-to-face by letter? _____
- 5. When was the allegation reported to CP Co - QA? Monday June 15, 1981
- 6. Name of the allegator: D. P. Saunders
- 7. Who is allegator's employer and what is the allegator's position? Consultant
DPS Enterprises
- 8. Where can the allegator be contacted? P. O. Box 2101 Midland, Michigan 48640
- 9. When will the allegator make next contact? June 25, 1981
- 10. Can the allegator's name be used in investigation of allegation? _____
(If Yes, will allegator provide signature to this page _____)
- 11. Will the allegator permit his name to be used in reports to the NRC? _____
- 12. Will the allegator provide details of his allegation to the NRC? Yes, if necessary

STANDARD INFORMATION CHECKLIST

Completed By _____

- 1. Notify the allegator of the procedure for investigating allegations. _____
- 2. Explain that if the allegation is validated, an NCR will be issued and the allegator will be provided with a copy of the NCR, subsequent documentation and the closed NCR. _____
- 3. Explain that if required by 10CFR50.55(e) or 10CFR Part 21, the nonconformance will be reported to the NRC. _____
- 4. Explain that if investigation does not substantiate the allegation of if the allegation is not safety related, it will be dropped by QA at that time and he will be so notified. _____
- 5. Explain that the allegator will be provided a copy of the final report. _____

Signature of the allegator indicating (i) permission to release his name in internal investigation of the allegation (ii) permission to release his name in reports to NRC if investigation determines that condition is reportable (iii) that Items 1, 2, 3, 4, 5 in the checklist above have been explained and understood.

Dated: June 25, 1981 Signature: Dennis P. Saunders



Consumers
Power
Company
QA66-0

ALLEGATION EVALUATION

1. Allegation Serial No _____

2. Does alleged condition affect a Q-listed system/component/item?

Yes X No _____

3. If "No" to 2, above, forward to Midland Project Management Organization or GPMD, as applicable, for further investigation.

4. Does alleged condition actually exist? Yes X No _____

What was found? _____

5. If "No" to 4, above, terminate investigation, enter NA in Blocks 5 through 12, sign Blocks 13 and 14 and distribute.

6. Has the alleged condition previously been documented on a nonconformance-type report?

Yes _____ No X

7. If "Yes" to 6, above, enter nonconformance-type report identification:

8. If "Yes" to 6, above, does nonconformance-type report adequately describe alleged condition, is corrective action adequate to resolve the alleged condition, and is corrective action progressing adequately?

Yes _____ No _____

9. Describe any actions taken to resolve inadequacies found in 8, above:

10. If "Yes" to 8, above, enter NA in Blocks 11 and 12, sign Blocks 13 and 14 and distribute.

11. Does the alleged condition constitute a nonconforming condition which has not been previously documented? Yes _____ No _____

12. If "Yes" to 11, above, prepare an NCR and enter the NCR No.

NCR No _____

13. Evaluation Completed By/Date:

14. Evaluation Reviewed by Manager, MPQA or Section Head, QAE&I/Date:



ALLEGATION EVALUATION

1. Allegation Serial No _____

Specifics of Allegations

2. What is the alleged condition? See attached page 4

3. What is the location of alleged condition? No specific plant location because it is a design question.

4. What systems, components, items are affected by alleged condition? Not Known at this time.

5. For how long has the alleged condition existed? Since the NRC inspection which ended May 22, 1981.

6. What requirement was violated by alleged condition? NRC Immediate Action Letter dated May 22, 1981.

7. To whom has this condition been previously reported? An attempt was made to discuss it with P. Corcoran, T. Supplee, and J. Reinsch on May 26, 1981.

8. When was the condition previously reported? See Item 7

9. What actions have been taken to resolve alleged condition and by whom have the actions been taken? Midland Project Quality Assurance is reviewing the Redline Logs, Drawing, Transmittals and the actual redline drawings for the May 20 to June 18, 1981 time period to determine what was redlined or revised during that time and how it was handled.
10. Is alleged condition covered by an existing nonconformance report? No

11. Prepared By/Date:

DP SAUNDERS ENTERPRISES

P. O. Box 2101
Midland, Michigan 48640
Phone: (517) 662-6669

Alleged Condition

1. That Pravin Patel and maybe others had approved redlines of hanger drawings for systems; that had only preliminary calculations rather than committed preliminary design calculations as required by the verbal instructions from Bechtel Resident Engineering.
2. That Pravin Patel revised hanger drawings and they were possibly issued having only preliminary calculations, not committed preliminary design calculations to support the system design.

CLIPPING SHEET

CLIPPED FROM Midland Daily News
 CLIPPED BY PAPuffer
 DATE OF ISSUE 5-28-81 CITY Midland



Consumers
Power
Company

Pipe work at n-plant permitted

By PAUL RAU
Daily News staff writer

Installation of backlogged small-bore pipe can continue at the Midland nuclear plant without prior audits of design criteria, officials clarified and confirmed Tuesday.

The Daily News said Saturday, based on an interview with in-plant Nuclear Regulatory Commission inspector Ronald J. Cook, that such work had been halted by the NRC pending the audits.

The NRC's Region 3 Office of Inspection and Enforcement at Glen Ellyn, Ill., said Cook may have "misunderstood" the intent of an immediate action letter issued to Consumers Power Co. Friday after a week-long inspection.

The inspection found that calculation summaries were missing from some pipe design packages. The NRC letter asked Consumers to stop issuing new design packages which are incomplete and to "periodically" audit packages already processed to make sure the correct calculations were used.

But the letter did not require Consumers to audit backlogged design packages first before the small pipe could be installed, as Cook had interpreted, according to NRC's Region 3 and Consumers.

"The audit does not have to be performed before the backlog work can be installed. It has to be performed before new work can be released (for installation)," nuclear plant spokesman Norman Saari said.

He said the plant received numerous calls over the Memorial Day weekend from some of the project's 700 pipefitters who had read Saturday's article and wondered if there would be work for them Tuesday.

"Work can continue on previously issued fabrication drawings," said Jan Strasma, NRC Region 3 spokesman.

He said Cook was not directly involved in all aspects of last week's inspection. "Perhaps he misunder-

stood," Strasma said.

Cook said, "I guess we didn't say, 'Completely stop what you are doing.' If Consumers is sensitive to the words 'stop work,' I guess it (the immediate action letter) didn't really say stop work."

He said his interpretation of when the audits were to be performed was "based on words we had during the week" with Consumers.

Cook said it will be satisfactory if the backlogged design packages are "ultimately audited," but said that procedure could lead to problems if the design calculations are later found to be incorrect.

"If they have to go back and tear out the work, that does not make sense to me," Cook said.

After the NRC identified the calculation problem, plant site manager Donald Miller said, 70 stress engineers worked over the holiday weekend to check design packages for errors.

"We found nothing technically wrong with any of the piping we've put in or its design," Miller said.

Miller and Saari said the exit interview with the NRC which completed last week's inspection was "extremely upbeat and very positive."

Miller said Region 3 Director James Keppler told the utility he was reserving final comment on the Midland inspection until later, but that Keppler had said "Consumers should be very satisfied to have this team come in here and give the plant a passing grade."

ATTACHMENT #4



Consumers Power Company
QA68-0

ALLEGATION EVALUATION

PROJECTS, ENGINEERING AND CONSTRUCTION - QUALITY ASSURANCE DEPARTMENT

1. Allegation Serial No 3

- 2. Who received the allegation? P. Corcoran
- 3. When was the allegation received? Sat. June 13, 1981
- 4. How was the allegation received? ie, telephone, face-to-face, by letter? _____
- 5. When was the allegation reported to CP Co - QA? Mon. June 15, 1981
- 6. Name of the allegator: Dennis Saunders
- 7. Who is allegator's employer and what is the allegator's position? formerly employed by AP Engineering
- 8. Where can the allegator be contacted? PO Box 2101 Midland 48640
- 9. When will the allegator make next contact? _____
- 10. Can the allegator's name be used in investigation of allegation? yes
(If Yes, will allegator provide signature to this page _____)
- 11. Will the allegator permit his name to be used in reports to the NRC? yes
- 12. Will the allegator provide details of his allegation to the NRC? unknown now
GG2 - 6669 office

STANDARD INFORMATION CHECKLIST

Completed By

- 1. Notify the allegator of the procedure for investigating allegations. REWhitaker
- 2. Explain that if the allegation is validated, an NCR will be issued and the allegator will be provided with a copy of the NCR, subsequent documentation and the closed NCR. REWhitaker
- 3. Explain that if required by 10CFR50.55(e) or 10CFR Part 21, the nonconformance will be reported to the NRC. REWhitaker
- 4. Explain that if investigation does not substantiate the allegation of if the allegation is not safety related, it will be dropped by QA at that time and he will be so notified. REWhitaker
- 5. Explain that the allegator will be provided a copy of the final report. REWhitaker

Signature of the allegator indicating (i) permission to release his name in internal investigation of the allegation (ii) permission to release his name in reports to NRC if investigation determines that condition is reportable (iii) that Items 1, 2, 3, 4, 5 in the checklist above have been explained and understood.

Dated: _____ Signature: see Attachment #2 for signature of Dennis P Saunders



Consumers
Power
Company
QA66-0

ALLEGATION EVALUATION

PROJECTS, ENGINEERING
AND CONSTRUCTION -
QUALITY ASSURANCE DEPARTMENT

1. Allegation Serial No. 3

2. Does alleged condition affect a Q-listed system/component/item?

Yes No

3. If "No" to 2, above, forward to Midland Project Management Organization or GPMD, as applicable, for further investigation.

4. Does alleged condition actually exist? Yes No

What was found? _____

5. If "No" to 4, above, terminate investigation, enter NA in Blocks 5 through 12, sign Blocks 13 and 14 and distribute.

6. Has the alleged condition previously been documented on a nonconformance-type report?

Yes No

7. If "Yes" to 6, above, enter nonconformance-type report identification:

NA

8. If "Yes" to 6, above, does nonconformance-type report adequately describe alleged condition, is corrective action adequate to resolve the alleged condition, and is corrective action progressing adequately?

Yes No NA

9. Describe any actions taken to resolve inadequacies found in 8, above:

NA

10. If "Yes" to 8, above, enter NA in Blocks 11 and 12, sign Blocks 13 and 14 and distribute. NA

11. Does the alleged condition constitute a nonconforming condition which has not been previously documented? Yes No NA

12. If "Yes" to 11, above, prepare an NCR and enter the NCR No.

NCR No. NA

13. Evaluation Completed By/Date:

REW/htaken 6/26/81

14. Evaluation Reviewed by Manager, MPQA or Section Head, QAE&I/Date:

WMB 6/27/81



Consumers
Power
Company
QA67-0

ALLEGATION EVALUATION

1980 JUN 27
PROJECTS, ENGINEERING
AND CONSTRUCTION -
QUALITY ASSURANCE DEPARTMENT

1. Allegation Serial No 3

Specifics of Allegations

2. What is the alleged condition? See attached page 4
3. What is the location of alleged condition? No specific plant location because it is a design question.
4. What systems, components, items are affected by alleged condition? not known at this time
5. For how long has the alleged condition existed? Since the NRC inspection which ended May 22, 1981
6. What requirement was violated by alleged condition? NRC Immediate Action Letter dated May 22, 1981
7. ~~To whom has this condition been previously reported?~~ An attempt was made to discuss it with F. Young, T. Supplee, or P. Corcoran the week of June 8-12, 1981
8. ~~When was the condition previously reported?~~ See item 7
9. What actions have been taken to resolve alleged condition and by whom have the actions been taken? Midland Project Quality Assurance is reviewing the Redline Logs, Drawing Transmittals and the actual redlined drawings for the May 20 to June 18, 1981 time period to determine what was redlined or revised during that time and how it was handled.
10. Is alleged condition covered by an existing nonconformance report? No

11. Prepared By/Date:

R.E. Whitaker 6/18/81

Alleged condition

1. That Pravin Patel and maybe others had approved redlines of hanger drawings for systems that had only preliminary calculations rather than committed preliminary design calculations as required by the verbal instructions from Bechtel Resident Engineering.
2. That Pravin Patel revised hanger drawings and they were possibly issued having only preliminary calculations, not committed preliminary design calculations to support the system design.

RE Whitaker 6/18/81



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

YELLOW COPY

May 22, 1981

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

Consumers Power Company
ATTN: Mr. James W. Cook
Vice President
Midland Project
1945 West Parnall Road
Jackson, MI 49201

Gentlemen:

Based on Discussions between Mr. J. W. Cook and Mr. R. C. Knop on May 22, 1981, we understand that you will not issue fabrication and construction drawings for the installation of the safety related small bore pipe and piping suspension systems until steps one through four below have been completed and audited.

1. MED 4.37-0 will be revised to include requirements that the specific revision number of the specification or procedure, of which the calculation was based on, is identified in the calculation package. (Note: This action was completed on 5/21/81 by issuance of Revision 16 of MED 4.37-0).
2. Conduct document control review to ensure that all the applicable up-to-date specifications and procedures are in place in the work locations.
3. Conduct training on MED 4.37-1 (Design Calculations), the importance of following QA procedures in general, and use of specification M 343 for all personnel within the small bore piping design group performing stress analysis for safety-related piping.
4. Establish plans and schedules to review all small bore piping isometrics that have been issued without supporting calculations properly packaged to the revised MED 4.37-1 requirements.
5. Perform the reviews identified in Item 4, above, to accomplish the following:
 - a. Bring the calculation documentation up to the level required by MED 4.37-0, Rev. 16.
 - b. Ensure that the calculations are technically adequate.

In conducting those reviews, the highest priority shall be given to

YELLOW COPY

IMMEDIATE ACTION LETTER

81-66030389

May 22, 1981

YELLOW COPY

pipng isometric drawings issued for construction but not yet installed, in the order of installation.

- 6. During the conduct of the reviews, identified in items 4 and 5, you will document all discrepancies and will notify cognizant NRC Region III staff of any significant discrepancy. (An example of a significant discrepancy is if the reviewed calculation indicates that stresses in the pipe that is depicted on an isometric drawing issued for construction exceed code allowables).
- 7. Audits will be conducted at completion of steps one through four, and periodically during steps five and six, to ensure adequacy of the program.

Please inform us immediately if your understanding of these items is different from that stated above.

Sincerely,

A Bert Davis

for James G. Keppler
Director

cc: Central Files
 Reproduction Unit NRC 20b
 PDR
 Local PDR
 NSIC
 TIC
 Ronald Callen, Michigan Public
 Service Commission
 Myron M. Cherry, Chicago

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RIII *telecom* RIII
low Streeter
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RIII
JK
 Keppler

URGENT ACTION LETTER



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

Saunders JL

October 28, 1983

MEMORANDUM FOR: D. G. Eisenhut, Director, Division of Licensing, NRR
FROM: R. F. Warnick, Director, Office of Special Cases
SUBJECT: CONCERNS OF DENNIS SAUNDERS

The attached memorandum dated October 20, 1983, documents the concerns of Dennis Saunders recently made to a member of my staff. This memorandum is forwarded for your review and any actions you deem to be necessary, as his concerns appear to be within the area under your purview.

Should you have any questions regarding this matter, please contact J. J. Harrison (388-5635) of my staff.

RFWarnick

R. F. Warnick, Director
Office of Special Cases

Attachment: As stated

Copy of 8406050028



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

OCT 20 1983

MEMORANDUM FOR: Region III Files
FROM: J. J. Harrison, Chief, Section 2, Midland
SUBJECT: TELEPHONE CONTACT WITH DENNIS SAUNDERS

On October 17, 1983, I was requested by the Regional Administrator to contact Mr. Saunders, as Mr. Keppler was involved in a conference.

At approximately 4:00 p.m. (CDT), I telephoned Mr. Saunders. Mr. F. Hawkins of Region III staff was present to assist in the call.

Mr. Saunders (telephone number (301) 565-3955) made the following statements concerning the Midland Nuclear Plant:

"Tell Jim he is the one who must sign-off on the plant." "In my opinion it's a serious problem. . .the underpinning of the Diesel Generator Building." I corrected this statement. Underpinning is related to the Auxiliary Building and Service Water Pump Structure.

He further stated that, ". . .loads during an earthquake over the nearby salt cavities were analyzed incorrectly as only a static load."

"Absolutely ridiculous to continue work on the Midland Plant, do not have a fix at one million dollars/day while we don't know what the earthquake loads are because of the salt cavities."

He further suggested, "You should stop work until you find out what the loads are during earthquakes with salt cavities below it."

Mr. Saunders stated he had performed some rough calculations showing the significance of his projected loads.

Mr. Saunders inquired as to the involvement of Jim Foster at Midland. I told him Mr. Foster currently was not associated with the Midland Project. He stated "Foster not involved was good."

He asked if I was an engineer, and if I knew the difference between dynamic and static loads.

He also wanted to know if I knew about the \$25,000 fine and five years in jail and that I had better think about them and be careful. He further stated the NRC had better think about Article 203, and tell Jim, "...not to expect any help from Denton."

Duped 8406050031

OCT 20 1983

I told Mr. Saunders his concerns would be relayed to Mr. Keppler.

Original signed by
J. J. Harrison
J. J. Harrison, Chief
Section 2, Midland

cc: J. G. Keppler
R. F. Warnick
G. W. Roy

RIII *JJA*
Harrison/lr
10/20/83