



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

AUG 17 1984

Carol M. Rice, Esquire
Kirkland & Ellis
200 East Randolph Drive
Chicago, IL 60601

IN RESPONSE REFER
TO FOIA-84-96

Dear Ms. Rice:

This is in further response to your letters dated February 1 and March 15 in which you requested, pursuant to the Freedom of Information Act (FOIA), 16 categories of records regarding the Midland plant.

By letters dated May 17 and July 18, this office provided partial responses to your request. At this time, we are enclosing the records identified on enclosed Appendix C.

Additional records are undergoing review. We will notify you as review is completed.

Sincerely,

J. M. Felton, Director
Division of Rules and Records
Office of Administration

Enclosures: As stated

APPENDIX C

1. 11/21/73 Letter to A. S. Rosenthal et. al. from A. G. Staples re: Midland Plant, Units 1 and 2 - ALAB-152 (2 pages)
2. 3/8/77 Note to B. Grier from J. G. Davis re: Midland 2 Liner Plate Bulge (1 page)
3. 4/12/77 Memo for R. Hoefling from S. E. Feld re: Report to the Atomic Safety and Licensing Board on Alleged Discrepancies between Consumers Power's Pate Filing of 1/18/77 and Information Presented to the Nuclear Regulatory Commission w/attached report responding to Mr. Cherry's allegation (15 pages)
4. 2/6/78 Handwritten notes, Davis, re: RIII meeting with HQ, ELD, NRR (4 pages)
5. 3/8/78 Letter to S. J. Chilk from J. R. Tourtellotte re: Midland Plant, Units 1 and 2 w/attached memo to Tourtellotte from Boyd dated 3/7/78 re: Estimated Construction Completion Dates for Midland Unit 2 (3 pages)
6. 5/18/78 Letter to S. H. Howell from E. Volgenan re: NUREG-0397 (2 pages)
7. 11/1/78 Memo for H. D. Thornburg from J. G. Keppler re: Midland 1 and 2 - Excessive Settlement of Diesel Generator Building Foundations (2 pages)
8. 11/9/78 Memo for T. F. Engelhardt from D. B. Vassallo re: Board Notification - Midland Settlement Problem (1 page)
9. 11/13/78 Memo for D. B. Vassallo from S. E. Bryan re: Information to be Considered for Board Notification - Reported Settlements in Diesel Generator Building at Midland (1 page)
10. 11/17/78 Transfer of Lead Responsibility to D. B. Vassallo re: Settlement of Diesel Generator Building Foundations at Midland Plant, Units 1 and 2 w/attached Description, Letter to Keeley from Martinex dated 9/22/78, Diesel Generator Bldg Settlement Data as of 9/22/78, and Letter to Keppler dated 9/29/78 (11 pages)
11. 1/15/79 Memo for G. W. Reinmuth from J. B. Henderson re: Meeting In Preparation for Midland Hearing (1 page)
12. 2/79 Presentation of Investigation Findings of the Settlement of the Diesel Generator Building at Plant Area Fill - Consumers Power Company (16 pages)
13. 3/12/79 Memo for H. D. Thornburg from J. G. Keppler re: Midland Diesel Generator Building and Plant Area Fill w/attached Midland Questions and Memo to Chilk from Gibbon dated 12/29/80 re: Possible Ex Parte Contact in Midland Proceeding w/attached summary (7 pages)

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14. 5/14/79 Memo for D. Thompson from H. D. Thornburg re: Recommendation for Board Notification and Updating on the Midland Nuclear Plant w/attached List of Enclosures (2 pages)
15. 5/21/79 Letter to I. W. Smith et. al. from R. K. Hoefling re: Enclosed Information of the Licensing Board and the Parties are NRC Staff Memoranda of May 11, 15, 16, 1979, on the Subject of the Estimated Construction Completion Date for Midland Unit 2 w/enclosed Note for Distribution from D. Hood dated 5/16/79, Memo for Vassallo from Hood dated 5/15/79, and Memo for Hood from Kari dated 5/11/79 (6 pages)
16. 5/21/79 Amended Notice of Deposition signed by Hoefling w/attached Certificate of Service (3 pages)
17. 5/25/79 Second Amended Notice of Deposition w/attached Certificate of Service signed by Olmstead (3 pages)
18. 6/4/79 Notice of Deposition
19. 6/6/79 Memo for J. G. Keppler from H. D. Thornburg re: Recommendation for Notification of the Licensing Board on Midland w/attached Routing and Transmittal Slips (Handwritten), Memo for Christenbury from Vassallo dated 5/29/79, Memo for Vassallo from Thompson dated 5/17/79, Memo for Thompson from Thornburg dated 5/14/79 w/attached List of Enclosures (6 pages)
20. 6/18/79 Memo for D. Thompson from H. Thornburg re: Comments on RIII Enforcement Package on Midland Settlement Problems dated 4/3/79 w/attached Comments on Midland Enforcement Package Transmitted to Thornburg from Keppler dated 4/3/79 (3 pages)
21. 7/20/79 Memo for Those Listed Below from G. Gower re: Enforcement Action re: "Midland Diesel Generator Building and Plant Fill Area" (1 page)
22. 9/27/79 Memo for G. Gower from H. Thornburg re: Comments on Needed Action on Midland Enforcement Package (2 pages)
23. 1/3/80 Memo for R. Fortuna from H. Thornburg re: Information Pertinent to the Midland Order to Modify the Construction Permit Including the Material False Statement Considerations w/attached Documentation List Midland Soil/Foundation Problems (4 pages)
24. 7/15/80 Memo for D. Thompson from H. Thornburg re: Consumers Power Company Midland, Units 2 Proposed Order, DN 50-329, 330 (1 page)
25. 7/29/80 Memo for R. Tedesco from H. Thornburg re: NRR Evaluation and Position on Midland Reactor Vessel Anchor Bolts and Corrective Action - Midland, Units 1 and 2 (2 pages)

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26. 1/7/81 Memo for D. Hood from R. Shewmaker re: Transmittal of Requested Documents During Discovery for Midland Hearing (2 pages)
27. 1/21/81 Memo for D. Danielson from C. Erb re: Region III Recommendation for Extension of Top Lateral Support Fix to Midland Unit 2 Reactor Pressure Vessel (21 pages)
28. 1/21/81 Memo for E. Jordan from D. Danielson re: Recommendation for Extension of Top Lateral Support Fix to Midland Unit 2 Reactor Pressure Vessel w/attached Memo for Danielson from Erb dated 1/21/81 (3 pages)
29. 2/9/81 Memo for A. S. Rosenthal from J. P. Murray re: Consumers Power Company/ Midland Civil Penalty (1 pages)
30. 2/18/81 Letter to Mr. Farnell from W. D. Paton re: Documents Selected During Review of NRC Docket Room on 2/12-13/81 (1 page)
31. 3/4/81 Letter to A. S. Farnell from W. D. Paton re: Documents Requested During the Deposition of Mr. Naidu on 2/26/81 w/enclosed Letter to M. Miller from Paton dated 3/4/81 (2 pages)
32. 5/26/81 Handwritten Notes, Davis, re: Inspection on 5/18-22/81 (2 pages)
33. 6/2/81 Memo for R. Bernero from J. Murphy re: Status of IREP Studies (6 pages)
34. 7/6/81 Memo for J. Knight from G. Lear re: Midland Plant - Estimate for Completing Review and Preparing Testimony on Proposed Remedial Actions (2 pages)
35. 7/21/81 Letter to J. G. Keppler from J. W. Cook re: Existence of Cracks in the Borated Water Storage Tank Foundation (2 pages)
36. 10/30/81 Memo for R. L. Tedesco from D. Hood re: Revised Hearing Schedules for Midland (3 pages)
37. 11/16/81 Memo for G. Lear from P. McCallister re: Testimony for ASLB Hearing - Diesel Generator Building and Service Water Pump Structure w/attached Testimony of Hari Narain Singh Concerning Diesel Generator Building/ Service Water Pump Structure and Testimony of Otto with respect to Geotechnical Review of Midland, Statement of Professional Qualifications of Otto, Letter to Lear from Goodwin dated 12/8/81, and Letter to Lear from Goodwin dated 12/8/81 (20 pages)
38. 11/24/81 Memo to Lear from P. McCallister re: Testimony for ASLB Hearings - Auxiliary Building w/attached Testimony of Hari Narain Singh Concerning Auxiliary Building (8 pages)

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39. 1/18/82 Memo for H. Bassett from D. Eisenhut re: Plant Completion Estimates w/enclosed Memo for Bassett from Eisenhut w/attached Plant Name - Applicant Estimates Date, and NRC Estimated Date (3 pages)
40. 1/19/82 Memo for D. Eisenhut from E. Adensam re: Anticipated Effect of Soils Hearings on Midland Final SER (3 pages)
41. 3/24/82 Note to Bill Little and Cordell Williams from CEN re: Upcoming Midland Meeting w/attached Memo for W. Little from C. Norelius dated 5/7/82 and Note to W. Little from CEN dated 5/14/82 (3 pages)
42. 5/11/82 Letter to R. Callen from W. Menczer re: SALP Results w/attached Summary of Results and Civil Penalty Table (5 pages)
43. 6/22/82 Memo for R. Bernero from C. Johnson re: Visit to BG&E and CP&L - June 15-16, 1982 w/attached Meeting Attendance at BG&E, Meeting Attendance at CP&L and PTS Vugraphs (15 pages)
44. 6/24/82 Memo for R. Tedesco from C. Norelius re: Midland SSER w/attached SSER Item 1, Item 5, and Item 6 (4 pages)
45. 6/30/82 Letter to W. Marshall from W. Paton re: Drilling for a Permanent Dewatering Well w/enclosed Nonconformance Report (6 pages)
46. 8/25/82 Memo for D. Eisenhut from W. Haass re: Midland QA w/attached Memo to Stello from DeYoung dated 7/14/82, Memo for DeYoung from Stello dated 6/25/82, Comparison of the Current Sizes of the Work Forces and QA/QC Staffs at Selected Construction Sites, Graphs, Letter to Wahl from Potapovs dated 6/18/82, Inspection Report No. 99900501/82-01 and Inspection Data Sheets (32 pages)
47. 9/24/82 Letter to J. Cook from J. Keppler re: Problems in the Remedial Soils QC Requalification Program (2 pages)
48. 9/24/82 Memo for J. G. Keppler from R. F. Warnick re: Review of Consumers Power Company Commitments (4 pages)
49. 10/12/82 Request for Procurement Action - Case Work - Foundations and Underpinning/ Midland (2 pages)
50. 10/14/82 Memo for E. Adensam from G. Lear re: Midland ASLB Hearings - Geotechnical Engineering Input w/attached Geotechnical Engineering Input into Staff Testimony and Stamiris Contentions (9 pages)
51. 10/15/82 Memo for E. Adensam from G. Lear re: Hydrologic Engineering Input to Staff Testimony w/attached Hydrologic Engineering Input to Staff Testimony (4 pages)

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52. 10/26/82 Letter to D. Albosta from W. Dircks re: Quality Assurance Program at Midland w/attached Principal Correspondence Control Ticket, Letter to H. Denton from D. Albosta dated 10/1/82, Letter to D. Albosta from B. Timmons dated 9/24/82, and Articles (6 pages)
53. 10/27/82 Memo for T. M. Novak from M. A. Miller re: Admitted Midland Contentions w/enclosed Admitted Midland Contentions and Summary of Contentions to be Litigated (23 pages)
54. 10/28/82 Memo for T. Novak from W. V. Johnston re: J. Gilray's Prepared Testimony on Midland's QA Program for Underpinning Activities w/enclosed Testimony of the Service Water Pump Structure and Auxiliary Building (6 pages)
55. 10/29/82 Memo for E. Adensam from G. E. Lear re: Midland ASLB Hearing - Geotechnical Engineering Input w/attached Pertinent Soil Profiles and View Presenting Subsurface Investigation Results (15 pages)
56. 11/1/82 Handwritten Notes by Davis; General Notes on Midland (6 pages)
57. 11/2/82 Memo for E. L. Halman from R. N. Vollmer re: Request for Processing of and NRR Procurement Action w/attached Procurement Action - Case Work - Foundations and Underpinning/Midland (3 pages)
58. 12/7/82 Personal Notes of J. Axelrad Concerning Midland w/CPCO dated 12/7/82 (4 pages)
59. 2/18/83 Letter to W. V. Johnston from W. J. Hallett re: ANL/EIS Monthly Report for the Month Ending January 31, 1983 w/attached Report and Budget (3 pages)
60. 3/11/83 Letter to W. V. Johnston from W. J. Hallett re: ANL/EIS Monthly Report for the Month Ending February 28, 1983 w/attached Report and Budget (3 pages)
61. 3/14/83 Letter to James Cook from Terry Harpster re: NRC Acceptance of Revised Consumers Power Company's Quality Assurance Topical Report (2 pages)
62. 3/16/83 Memo for T. Novak from R. F. Warnick re: NRR Assistance in Resolving Midland Soils Issue w/attached Technical Assignment Control Form (2 pages)
63. 3/18/83 Memo for D. G. Eisenhut from R. F. Warnick re: Recommendation for Notification of Licensing Board (1 page)
64. 3/28/83 Memo for T. Novak from J. Taylor re: Review of TERA's Engineering Program Plan and Project Quality Assurance Plan for Midland Independent Design and Construction Verification Program (3 pages)
65. 4/19/83 Letter to J. Kane from S. J. Poulos re: Foundation and Underpinning/Midland (2 pages)

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66. 4/21/83 Memo for R. Warnick from J. Tayler re: Transfer of Lead Responsibility - Midland 1 and 2 w/enclosed Memo for Heishman from Adensam dated 4/14/84, Transfer of Lead Responsibility and Memo to Warnick from Tayler dated 4/21/83 (7 pages)
67. 5/4/83 Letter to C. Levin from W. Dircks re: Midland Construction Site w/attached Principal Correspondence Control, Letter to Kammerer from Levin dated 4/11/83 (4 pages)
68. 5/9/83 Letter to W. Johnston from W. Hallett re: ANL/EIS Monthly Report for the Month Ending April 30, 1983 w/attached Report and Budget (3 pages)
69. 6/10/83 Memo to the Files from V. Gilinsky re: Memo of Conversation - John Selby, Consumers Power Company - June 10, 1983 (1 page)
70. 6/13/83 Handwritten Notes re: Team Inspection (81-12) (1 page)
71. 6/15/83 Handwritten Notes by Davis re: Latest GAP Petition (1 page)
72. 7/5/83 Letter to C. E. Levin from W. J. Dircks re: Request of Terry Miller regarding the Midland Plant w/attached Principal Correspondence Control Form and Letter to C. Kammerer from C. Levin dated 6/16/83 (4 pages)
73. 7/14/83 Letter to B. P. Garde from S. H. Lewis re: Inspection on the Matters Raised in Affidavits Transmitted to the NRC by GAP on 6/29/82 (2 pages)
74. 6/15/83 Nuclear Regulatory Commission Briefing - Midland Nuclear Plant by J. G. Keppler (viewgraphs), w/attached handwritten notes by Comm. Asselstine at 6/15/83 Commission Briefing on Midland (9 pages)
75. 6/15/83 Handwritten Notes by Comm. Asselstine at the 6/15/83 Commission Briefing on Midland (3 pages)
76. 7/6/83 Memo to S. J. Chilk from W. J. Manning re: OGC Document for the 7/15/83 Briefing on Midland (1 page)
77. 7/8/83 Memo for R. F. Warnick from J. M. Taylor re: Midland Construction Completion Program w/attached Comments (4 pages)
78. 7/18/83 Memo for E. G. Adensam from G. Lear re: Midland Hearing: Motion to Reopen Contentions Regarding Settlement and Dewatering w/enclosed Affidavit of Frank Rinaldi, Discussion of Cracks Near Base of Containment Midland Site, Affidavit of Joseph Kane, and Geotechnical Engineering Response to Motion to Reopen OM Record on Stamiris Contention 4 (11 pages)
79. 7/27/83 Letter to J. W. Cook from J. M. Taylor re: Implementation of Ford Amendment Pilot Program on Midland Plant, Units 1 and 2 (4 pages)

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93. 6/6/79 Handwritten Notes re: Review of Midland Enforcement Package (2 pages)
94. 6/5/79 Handwritten Notes re: Midland Technical Meeting (1 page)
95. 5/16/79 Handwritten Notes re: RES - Midland (1 page)
96. 1/15/79 Memo for G. W. Reinmuth from J. B. Henderson re: Meeting in Preparation for Midland Hearing w/attached Handwritten Notes (3 pages)
97. 5/14/79 Memorandum of Call (Four Notes) (1 page)
98. 1/13/81 Note to G. Gallagher from Shewmaker re: Midland Events Related to Hearing Process w/attached Chronology (6 pages)
99. 11/16/78 Chronology of Soils Related Events Through 1979 (3 pages)
100. 1979-1980 Chronology of Events (1 page)
101. Various Dates Midland Appt. Books Calendar (1 page)
102. 1/9/80 Routing and Transmittal Slip from Hood to Rubenstein re: Midland Hearing (2 pages)
103. 3/6/79 Midland Meeting of 3/5/79 Handwritten Notes (1 page)
104. 11/28/79 Handwritten Notes re: Current Problems (2 pages)
105. Undated Determine w/attached Memo for Thornburg from Shewmaker and Routing and Transmittal Slip dated 11/16/79 (6 pages)
106. 10/18/79 Memo for Knop et. al. from Fiorelli re: Midland Construction Status Report As of 10/1/79 w/enclosed Report (15 pages)
107. 9/27/79 Memo for Gower from Thornburg re: Comments on Needed Action on Midland Enforcement Package (2 pages)
108. 9/25/79 Handwritten Notes re: RIII Written Position on Midland w/attached Memo of Call (2 pages)
109. Undated Routing and Transmittal Slip to Shewmaker re: RIII Problem (1 page)
110. 8/16/79 Handwritten Notes re: Requested Operation of DG, SAFETY, and QA w/attached Memo to File from Hood dated 8/24/79 re: Internal Meeting on Status of Midland Soils Settlement w/attached Background Documentation (5 pages)
111. 3/9/79 Memo to Hood from Shewmaker re: Input of Questions for 10 CFR 50.54(f) w/attached Midland Questions (3 pages)

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112. 5/17/79 Memo for D. Vassallo from D. Thompson re: Recommendation for Board Notification and Updating of Previous Notification - Midland w/enclosed Memo to Keppler from Thornburg dated 6/6/79 and Memo for Christenbury from Vassallo dated 5/29/79 (3 pages)
113. 2/15/79 Memo for Thornburg from Keppler re: Midland Summary Report w/attached Report (17 pages)
114. 11/27/78 Memo for R. DeYoung and R. Mattson from S. Varga re: Technical Assistance Request (1 page)
115. 11/17/78 Transfer of Lead Responsibility to D. Vassallo (5 pages)
116. 11/13/79 Memo for Vassallo from Bryan re: Information to be Considered for Board Notification - Reported Settlements in Diesel Generator Building at Midland w/attached Memo to Gower from Thornburg dated 11/9/78, Memo to Thornburg from Keppler dated 11/1/78, letter to Keppler dated 9/29/78, Quality Assurance Program, Letter to Keeley from Martinez dated 9/22/78, and Diesel Generator Bldg. Settlement Data as of 9/19/78 (12 pages)
- Cappucci Deposition Exhibits 1 through 17:
117. Undated Cappucci - Professional Qualifications Mechanical Engineering Branch (3 pages)
118. 1/22/81 Midland Response to 10 CFR 50.54 Request on Plant Fill: MEB Comments (2 pages)
119. 1/22/81 Handwritten Notes re: Midland Questions (3 pages)
120. 2/1/79 Midland - Open Item - Handwritten Notes (4 pages)
121. 2/4/80 Summary of 1/16/80 Meeting on Supplemental Requests Regarding Plant Fill signed by D. Hood w/attached List of Attendees, Agenda, and Comments on 50.54(f) Responses for Midland (MEB) (7 pages)
122. 1/25/80 Letter to M. O. Rothwell from T. C. Cooke re: Midland Project GWO 7020 - Soils Responses to 50.54(f) Questions w/attached List of Attendees (5 pages)
123. 1/22/81 Preliminary Evaluation of 50.54(f) Responses for Midland w/attached Memo to Capucci w/Handwritten Notes (5 pages)
124. 1/22/81 Handwritten Notes re: Underground Pipes (1 page)
125. 1/22/81 Handwritten Notes re: Aux Building (2 pages)
126. 1/22/81 Journal of the Geotechnical Engineering Division (7 pages)

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- 127. 1/22/81 Viewgraphs re: Seismic Analysis (25 pages)
- 128. 4/30/80 Memo for G. Fiorelli from E. Gallagher re: Consumers Power Company Midland Answer to Notice of Hearing (3 pages)
- 129. 5/29/80 Handwritten Notes re: Midland - Pipe Stress Analysis (1 page)
- 130. 7/17/80 Routing and Transmittal Slip to T. Cappucci from J. Kane re: Comments on Attached Draft Memo to R. E. Jackson from P. McCallister re: Interagency Agreement No. NRC-03-79-167, Task No. 1 - Mir and Plant Units 1 and 2, Subtask No. 1 - Letter Report (17 pages)

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80. 8/4/83 Memo for D. G. Eisenhut from R. L. Spessard re: Request to Review the Structural Design Adequacy of the Midland and Clinton HVAC Systems (1 page)
81. 8/28/83 Letter to J. D. Selby from R. C. DeYoung re: Enclosed Order Imposing Civil Monetary Penalties and Appendix - Evaluations and Conclusions (10 pages)
82. 9/1/83 Memo for Docket and Service Section from J. A. Axelrad re: Order Imposing Civil Monetary Penalties (1 page)
83. 9/14/83 Memo for W. D. Paton from R. L. Ballard re: Preparation of Findings of Fact and Conclusions of Law with Respect to the Midland Hearings (2 pages)
84. 9/15/83 Memo for D. S. Hood from J. M. Taylor re: Midland IDCV Program - TERA White Paper on Options w/attached Memo for Hood from G. T. Ankrum (2 pages)
85. 9/21/83 Memo for W. D. Paton from R. E. Jackson re: Comments on Applicant's Proposed Findings of Fact and Conclusions of Law on Remedial Soil Issues - Midland Plant Units 1 and 2 w/attached Comments on Midland Findings of Fact (5 pages)
86. 9/22/83 Memo for W. Paton from G. Lear re: Midland Review - Evaluation of Findings for Remedial Issues (30% Structural Review) w/attached Memo for Paton from Lear (5 pages)
87. 9/27/83 Memo for W. D. Paton from G. Lear re: Geotechnical Engineering Review Comments on the Applicant's Proposed Findings of Fact and Conclusions of Law - Midland Plant w/attached Comments Prepared by: Joseph Kane, NRR (3 pages)
88. 11/16/83 Personal Notes by J. Axelrad Concerning Meeting with CPCO, "Meeting w/Consumers re: Excavation 11/16/83" (8 pages)
- Shewmaker Deposition Exhibits 1 through 28:
89. 11/30/79 Note to Lieberman from Shewmaker re: Input for Midland Order w/attached Stop Work (2 pages)
90. 10/29/79 Memo for G. C. Gower from J. G. Keppler re: Midland - Recommended Civil Penalty w/attached Draft Letter, Notice of Violation, Notice of Proposed Imposition of Civil Penalties, and Notice of Violation (17 pages)
91. 10/17/79 Handwritten Notes re: Phone Call on Midland (1 page)
92. Undated Memo for Thornburg et. al. from Vassallo re: Request for Findings On 10 CFR 50.54(f) Replies on Midland 1 and 2 Soils Settlement w/attached Background Documentation (2 pages)