



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

PDR 016

APR 08 1985

Ms. Anne Rapkin
Assistant Attorney General
Environmental Control Division
Office of the Attorney General
160 N. LaSalle Street, Room 900
Chicago, IL 60601-3175

IN RESPONSE REFER
TO FOIA-85-30

Dear Ms. Rapkin:

This is in response to your letter dated January 10, 1985, in which you requested, pursuant to the Freedom of Information Act (FOIA), all reports of inspection conducted by the Atomic Energy Commission and the Nuclear Regulatory Commission from 1954 until the present for the Rare Earths facility and intra-agency and inter-agency records concerning these inspection.

The enclosed Appendix A is a list of 202 documents related to your request. Copies of these documents are enclosed with this letter. The enclosed Appendix B is a list of reports also related to your request. These reports have previously been made available at the NRC's Public Document Room (PDR), 1717 H Street, NW, Washington, DC 20555. There is no charge for inspecting records maintained at the PDR. I am enclosing a copy of a notice that provides charges and procedures for obtaining copies of records from the PDR.

Documents 1 and 2 of enclosed Appendix C contain information which is being withheld pursuant to Exemption 5 of the FOIA (5 U.S.C. 552(b)(5)) and 10 CFR 9.5(a)(5) of the Commission's regulations. Document 1 is a two-page memorandum with a 29-page enclosure. The memorandum and enclosure were prepared by the agency's Region III office in response to the Office of the Executive Legal Director's (OELD) request that the Region review the inspection history to assist the agency in preparing for the upcoming hearing. Releasing the document would tend to inhibit the open and frank exchange of ideas essential to the deliberative process. The nonexempt portions of this document are enclosed.

Document 2 is an 18-page draft which was prepared by OELD specifically as an aid in organizing the hearing. This document also contains predecisional advice and recommendations of the staff. Releasing this document would tend to inhibit the open and frank exchange of ideas essential to the deliberative process. There are no reasonably segregable factual portions.

Portions of the remaining documents listed on Appendix C are being withheld. The information being withheld consists of names, social security numbers, home addresses, and personal identifiers of certain individuals who may have had some radiation exposure, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy. This information is being withheld from public disclosure pursuant to Exemption (6) of the FOIA (5 U.S.C. 552(b)(6)) and 10 CFR 9.5(a)(6) of the Commission's regulations.

Further, all documents which have previously been provided to you as a recipient of Region III's Standard Distribution List for Kerr-McGee Chemical Corporation's Rare Earths facility in West Chicago, Illinois, are not being provided to you again.

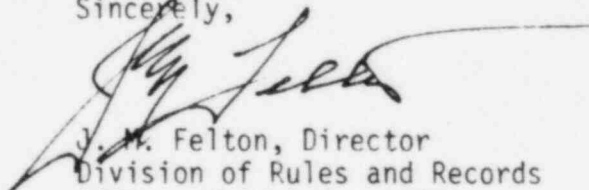
Also, as agreed in a February 7, 1985, telephone conversation with Nina Toms, all documents in the Office of Nuclear Material Safety and Safeguards will not be addressed under this FOIA request but dealt with separately under your discovery request. You advised Ms. Toms that you will review these documents at the NRC's Silver Spring office during your visit sometime around the middle of March.

Pursuant to 10 CFR 9.9 and 9.15 of the Commission's regulations, it has been determined that the information withheld is exempt from production or disclosure, and that its production or disclosure is contrary to the public interest. The persons responsible for the denied portions of documents three through seven of Appendix C are the undersigned and Mr. James G. Keppler, Regional Administrator, Region III. The person responsible for the denial of documents one and two of Appendix C is Mr. Guy Cunningham, Executive Legal Director.

The denial by Mr. Keppler and myself may be appealed to the Executive Director for Operations within 30 days from the receipt of this letter. Any such appeal must be in writing, addressed to the Executive Director for Operations, U.S. Nuclear Regulatory Commission, Washington, DC 20555, and should clearly state on the envelope and in the letter that it is an "Appeal from an Initial FOIA Decision." The denial by Mr. Cunningham may be appealed within 30 days to the Commission and should be addressed to the Secretary of the Commission.

This completes NRC's action on your FOIA request.

Sincerely,



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

Enclosures: As stated

TO BE RELEASED

APPENDIX A

1. Unknown Drawings of Lindsay Chemical Company Plant Site (7 pages)
2. 04/02/56 Inspection Report of Informational Visit from L. Low (11 pages)
3. 02/20/57 Letter from H. Hremers to H. Price re: Asking an opinion concerning restricted areas (1 page)
4. 03/01/57 Letter from R. Landauer to H. Price re: Request for extension of time for compliance with 10CFR20 (2 pages)
5. 03/26/57 Letter from L. Johnson to H. Kremers re: Specification for "restricted areas" defined under 10 CFR Part 20 (1 page)
6. 05/07/57 Letter from H. Price to Lindsay Chemical re: Request for information concerning exemption from requirements of 10CFR20 (1 page)
7. 07/12/57 Letter from L. Landauer to U.S. Atomic Energy Commission re: Application for exemption from 10CFR20.101 and 20.403 until 09/01/57 (2 pages)
8. 10/30/57 Letter from H. Price to Lindsay Chemical re: Refers to 07/12/57 letter and a future inspection (1 page)
9. 11/08/57 Letter from R. Hageman to Lindsay Chemical re: Arranging to schedule an inspection (1 page)
10. 11/19/57 Letter from R. Hageman to D. Walker re: Schedule of inspection (1 page)
11. 05/16/58 Letter from L. Moretti to Inspection Division File re: Notification of Industrial Accident involving two employees (1 page)
12. 06/16/58 Letter from R. Hageman to Those listed Below re: Congratulations for report (1 page)
13. 06/16/58 Letter from L. Moretti and J. Brockett to M. Mann re: Cover letter and enclosed inspection report (13 pages)
14. 06/04/59 Letter from L. Hageman to H. Kremers re: Arranging for a reinspection of license R106 and initial inspection of 12-4232-1 and C-3377 (1 page)
15. 06/08/59 Letter from Roy to Dick re: Arranging for Inspection (1 page)
16. 10/27/59 Letter to R. Hageman to L. Low re: Export shipments of source materials and attached memo route slip re licenses (3 pages)

17. 11/06/59 Letter from W. Brobst to M. Parsons re: Intermixing of thorium nitrate and whiskey and gin less enclosures (1 page)
18. 12/11/59 Letter from M. Mann to H. Price re: Exporting source material to Canada (1 page)
19. 02/25/60 Letter from L. Low to R. Hageman re: Route Slip transmitting 02/23/60 Rogers to Mann Memo Regard Inspection Report (2 pages)
20. 03/28/61 Letter from T. Brockett to Compliance Division Files re: Proposed Inspection Details (1 page)
21. 03/20/61 Letter from R. Hageman to D. Walker re: Proposed Inspection (1 page)
22. 03/23/61 Letter from M. McCook to Unknown re: Cover letter referencing attached memo Lowenstein to Cool of 03/15/61 regarding position for rulemaking with 03/06/61 American Potash and Chemical Corporation to Price requesting amendment of 10CFR40.13(c)(1) (35 pages)
23. 04/04/61 Letter from L. Rogers to L. Low re: Details of forthcoming inspection (1 page)
24. 04/06/61 Letter from W. McCool to R. Lowenstein re: Details of result of petition for amendment of 10CFR40 (2 pages)
25. 04/06/61 Letter from D. Warner to R. Hageman re: Transmittal letter form 04/04/61 above (1 page)
26. 04/07/61 Letter from D. Walker to R. Hageman re: Details of proposed inspection (1 page)
27. 04/18/61 Letter from A. Holmes to W. Johnson re: Requesting two reports (1 page)
28. 04/19/61 Letter from W. Johnson to A. Holmes re: (Cover letter for three inspection reports - enclosure not included (1 page)
29. 05/04/61 Letter from T. Brockett to A. Holmes re: Returning of borrowed files (1 page)
30. 06/07/61 Letter from D. Walker to R. Hageman re: Discussion of attached data sheet results (8 pages)
31. 08/24/61 Letter from L. Dubinski to E. Price re: Letter transmitting Hageman to Dubinski 07/21/61 inspection report cover letter and inspection report (44 pages)
32. 01/03/62 Letter from L. Dubinski to R. Hageman re: Memo route slip notice of violation (1 page)

33. 03/22/62 Letter from L. Dubinski to R. Hageman re: Memo route slip referencing attached Cunningham to Dubinski 03/02/62 memo re: additional violation and requested information (3 pages)
34. 03/26/62 Letter from E. Price to American Potash and Chemical Corporation re: Transmitting items of noncompliance of 04/19-21, 04/24 and 06/23/61 inspection (3 pages)
35. Unknown Exhibits J (Air Sampling Records); K (Records of Exposure to Airborne Radioactivity); I (Air Sampling Techniques); and H, Attachment 2 (Air Sampling data sheet) (5 pages)
36. Unknown Exhibit H (Compilation of Licensee's Air Monitoring Program Results (4 pages)
37. 04/13/62 Letter from R. Hageman to L. Dubinski re: Scheduling inspection (1 page)
38. 04/26/62 Letter from L. Dubinski to R. Cunningham re: Scheduling of inspection and confirming receipt of licensee's letter replying to notice of violation (1 page)
39. 04/26/62 Letter from G. Roy to Region III Files re: Clearance to reinspect American Potash and specific items to be covered during inspection (1 page)
40. 04/27/62 Letter from R. Cunningham to American Potash re: Measures taken to correct deficiencies (1 page)
41. Unknown Air Sample Records (4 pages)
42. 05/11/62 Letter from R. Hageman to J. Horan re: Request analysis of air samples for total thorium (1 page)
43. 06/11/62 Letter from J. Davis to Region III Files re: Appointment to review inspection results (1 page)
44. 06/12/62 Letter from J. Davis to Region III Files re: Location of air samples taken (1 page)
45. 07/09/62 Letter from R. Hageman to L. Dubinski re: Personnel overexposure (2 pages)
46. 07/17/62 Letter from E. Moretti to Region III Files re: Above exposure (1 page)
47. 08/27/62 Letter from R. Hageman to R. Lowenstein re: Transmittal letter for inspection report (21 pages)
48. Unknown Exhibit A (Thorium, Workers' Radiation Exposure Record for data unreadable); Exhibit B (Radioactivity Statement); Exhibit C (Sketches and Independent Measurements) (4 pages)

49. 08/17/62 Letter from J. Davis to R. Healy re: Transmittal letter for AEC-59 (Inspection Findings and Licensee Acknowledgment and Inspection Report (5 pages)
50. 09/07/62 Letter from E. Price to L. Dubinski re: Cover letter for film badge and airborne exposures (no attachments) (1 page)
51. 10/23/62 Letter from J. Finn to Region III Files re: Telephone call relaying complaint against Lindsay Chemical and memo documenting call re: same subject to Healy from Finn (2 pages)
52. 10/30/62 Letter from W. Radloff to E. Outten re: Transmittal letter of letter to file dated 10/29/62 re: interview with reporter of complaint and memo route slip covering attached draft news release (5 pages)
53. 12/28/62 Letter from E. Price to American Potash and Chemical re: Thank you letter for attached 12/04/62 letter to Price re: steps taken to correct deficiencies noted in attached 11/29/62 letter to American Potash stating noncompliance; 11/29/62 Davis to Brockett listing recommended citation; 11/19 Pate to Dubinski discussion notice of violation and 10/30/62 Davis to RIII files re: two question raised by enforcement (10 pages)
54. 05/21/63 Letter to J. Davis to R. Cavanaugh re: Report of overexposure (1 page)
55. 09/11/63 Letter to J. Allan to R. Cavanaugh re: Report of overexposure (1 page)
56. 09/18/63 Letter from E. Price to American Potash and Chemical re: Clarifying overexposure reporting (1 page)
57. 09/26/63 Letter from J. Allan to R. Cavanaugh re: Clarification of double reporting of overexposure with referenced letter to licensing and sanitized report (3 pages)
58. 02/28/64 Letter from J. Allan to L. Dubinski re: Accumulated personnel exposure with attached licensee report of exposure dated 02/19/64 (3 pages)
59. 09/03/64 Letter from J. Allan to Region III Files re: Personnel exposure (1 page)
60. 04/07/65 Letter from E. Price to American Potash re: Thank you letter with respect to attached 03/24/65 memo describing actions taken regarding violation; 03/04/65 memo describing violations; 02/26/65 phone call re violation; 02/23/65 memo re violation and; 02/20/65 memo transmittal letter and inspection report (36 pages)

61. 05/06/65 Letter to E. Ashley to American Potash re: Form 591 (Inspection Findings and Licensee Acknowledgement with attached Report Compiled Sheet, Health Physics Analysis and remainder of report (5 pages)
62. 12/22/66 Letter from M. Miller to Files re: Reporting shipment violating postal regulations (external exposure) (1 page)
63. 02/20/67 Letter from Region III, Division of Compliance to Enforcement Branch re: Memo route slip transmitting 02/20/67 memo to licensee verifying noncompliance, Form 592 form listing noncompliance, and inspection report (25 pages)
64. 06/22/67 Letter from J. Allan to Region III Files re: Call from West Chicago resident describing alleged dust problem (3 pages)
65. 06/13/68 Letter from C. Hampleman to American Potash re: Form 591, Health Physics Analysis of Program and inspection report (9 pages)
66. 05/07/70 Letter from J. Allan to J. Roeder re: Memo route slip transmitting Thank you to licensee for 592 reply to noncompliance dated 04/28/70 and letter transmitting inspection report which identified noncompliance and inspection report with inspection notes (32 pages)
67. 03/22/72 Letter from E. Ashley to Region III Files re: Telecon reporting independent measurement results during 02/29 and 03/01/72 inspection with Licensee Telephone Notification of Inspection (2 pages)
68. 03/22/72 Letter to B. Grier to American Potash re: Transmittal letter and inspection report (29 pages)
69. 04/05/72 Letter from B. Grier to American Potash re: Thank you letter re: noncompliance, letter 04/03/72 with steps to correct noncompliance and attached Inventory Report and letter requesting name change (6 pages)
70. 09/05/73 Letter to J. Allan to H. Thornburg re: Phasing out thorium processing at West Chicago, mothballing the facility and items to consider (1 page)
71. 12/07/73 Letter from J. Keppler to J. Engel re: Confirming telephone conversation as to AEC's control over use of radioactive material in West Chicago and plans to curtail operation (1 page)
72. 10/24/74 Letter from J. Miller to Kerr-McGee Chemical Corp. re: authorization to dispose of W-1 sales office and laboratory (1 page)

73. 07/09/76 Letter from G. Roy to B. Singer re: Reference to letter requesting Kerr-McGee to upgrade site security along with 06/28/76 letter J. Allan to G. Roy of same subject and J. Lashof to D. McGee dated 06/25/76 with request to upgrade security (4 pages)
74. 07/12/76 Preliminary Notification PN-III-76-46 (1 page)
75. 07/15/76 Letter from M. Oestmann to J. Pagliaro re: Results of West Chicago radioanalyses for Th-232 and Ra-226 Duay Chain (1 page)
76. 07/22/76 Letter from B. Jorgensen to J. Pagliaro re: Determination of % Th-232 and Ra-226 (2 pages)
77. 07/30/76 Letter from J. Keppler to R. Truitt re: Retrieval of material from ditch between west fence and railroad track (2 pages)
78. 08/02/76 Description of status of Reed-Kepplu Park (1 page)
79. 08/06/76 Letter from G. Lonergan to Region III Files re: Management meeting to strengthen Health Physics Program (4 pages)
80. 08/11/76 Letter from J. Keppler to Kerr-McGee Chemical re: Results of independent measurement of radiation levels (1 page)
81. 08/12/76 Letter to W. Fisher to G. Roy re: Cover letter transmitting draft of results of survey of buildings 11, 12, 20 and 21, a request dated 03/24/76 to have 12, 20 and 21 removed from the license, a letter dated 07/30/76 confirming cessation of decontamination of survey and air sample results (30 pages)
82. 08/16/76 Letter from B. Grier to Kerr-McGee re: Transmittal letter for inspection report (11 pages)
83. 09/01/76 Letter from B. Jorgensen to J. Pagliaro re: Sr-90 results for West Chicago soil samples (1 page)
84. 09/01/76 Letter from J. Keppler to R. Truitt re: Transmittal letter for inspection report presenting present situation and report (18 pages)
85. 10/08/76 Letter from F. Lyons to W. Fisher re: Corrective action for items of noncompliance with inspection report transmittal letter and report (16 pages)
86. 10/11/76 Letter from R. Vreeland to R. Cooperstein re: Decontamination of Buildings 11, 12, 20 and 21 (2 pages)
87. 10/21/76 Letter from J. Keppler to Kerr-McGee re: Transmittal letter from Region III survey results of buildings 11, 12, 20 and 21 (8 pages)

88. 01/06/77 Letter from C. Oberg to Region III Files re: Observations from brief tour of West Chicago facility (2 pages)
89. 01/17/77 Letter from C. Oberg to Region III Files re: Observations from brief tour of West Chicago facility (2 pages)
90. 01/25/77 Letter from C. Oberg to Region III Files re: Observations from brief tour of West Chicago facility (2 pages)
91. 02/03/77 Letter from C. Oberg to Region III Files re: Observations from brief tour of West Chicago facility (2 pages)
92. 02/15/77 Letter from J. Allan to G. Roy re: Summarizing site visits (1 page)
93. 02/16/77 Letter from C. Oberg to Region III Files re: Observations from brief tour of West Chicago facility (2 pages)
94. 02/22/77 Letter from C. Oberg to Region III Files re: Observations from brief tour of West Chicago facility (1 page)
95. 03/07/77 Letter from C. Oberg to Region III Files re: Observations from brief tour of West Chicago facility (1 page)
96. 03/28/77 Letter from C. Oberg to Region III Files re: Observations from brief tour of West Chicago facility (1 page)
97. 04/13/77 Letter from C. Oberg to Region III Files re: Observations from brief tour of West Chicago facility (4 pages)
98. 05/04/77 Letter from C. Oberg to Region III Files re: Observations from brief tour of West Chicago facility (2 pages)
99. 06/03/77 Letter from C. Oberg to Region III Files re: Observations from brief tour of West Chicago facility (2 pages)
100. 06/23/77 Letter from W. Grant and C. Oberg to Region III Files re: Details of mobile radiation survey around West Chicago and results (4 pages)
101. 06/29/77 Letter from C. Oberg to Region III Files re: Observations from brief tour of West Chicago facility (10 pages)

TO BE RELEASED

102. 7/6/77 Letter to E. Rennels, Mayor, West Chicago from J. Keppler re: Survey at Westrum Building (1 page)
103. 7/14/77 Memo to RIII files from C. Oberg: Regarding Facility Tour (3 pages)
104. 7/20/77 Memo to RIII files from C. Oberg re: Facility Tour (2 pages)
105. 8/3/77 Memo to RIII files from C. Oberg re: Facility Tour (3 pages)
106. 8/9/77 Memo to RIII files from C. Oberg re: Facility Tour (4 pages)
107. 8/23/77 Memo to RIII files from C. Oberg re: Facility Tour (3 pages)
108. 9/14/77 Memo to RIII files from C. Oberg re: Facility Tour (2 pages)
109. 9/27/77 Memo to RIII files from C. Oberg re: Facility Tour (2 pages)
110. 9/30/77 Memo to RIII files from C. Oberg re: Facility Tour (4 pages)
111. 11/2/77 Memo to RIII files from C. Oberg re: Facility Tour (3 pages)
112. 1/11/78 Memo to RIII files from C. Oberg re: Inspection Tour
113. 2/13/78 Memo to G. Lonergan and T. Essig from W. Fisher re: Transfer of Kerr McGee responsibility (1 page)
114. 5/78 Handwritten table of thorium areas in West Chicago and possible remedial action: Originator unknown (3 pages)
115. 5/9/78 Memo to RIII files from C. Oberg re: Inspection/tour facility (12 pages)
116. 5/25/78 Memo to RIII files from C. Oberg re: Observation of waste sampling (2 pages)
117. 6/6/78 Memo to RIII files from C. Oberg re: Tour of facility (1 page)
118. 3/79 Site photos and cover page (5 pages)
119. 3/13/79 Inspection Report of 2/23/79 w/cover letter from C. Paperiello to F. Lyons (KM) (22 pages)
120. 4/5/79 Letter, 591 & inspection report of 3/27-3/28/79 w/attachments to F. Lyons (KM) from C. Oberg (23 pages)
121. 5/22/79 Letter, 591, inspection report of 5/10/79 w/attachments - 79-03 to F. Lyons (KM) from C. Oberg (43 pages)

- 122. 7/17/79 Inspection Report 79-01 by R. Burgin & C. Paperiello (3 pages)
- 123. 8/2/79 Letter w/Inspection Report 79-04 to F. Lyons (KM) from A. B. Davis (5 pages)
- 124. 8/15/79 KM response to N/C item in inspection 2061/79-04 to A. B. Davis from G. Hennigan (KM) (2 pages)
- 125. 8/28/79 Acknowledgement letter for 8/15/79 response to F. Lyons from A. B. Davis (1 page)
- 126. 8/79 KM Facility Photos w/cover sheet (4 pages) Originator unknown
- 127. 9/79 KM Facility Photos w/cover sheet (4 pages) Originator unknown
- 128. 9/11/79 Memo re: KM inspection schedule to A. Davis from L.Greger (1 page)
- 129. 10/9/79-3/4/80 Graphs & Tables of NRC Air sample results from High School and Jr. High (Originator unknown) (15 pages)
- 130. 10/23/79 KM visit of 10/18/79 observations to C. Paperiello from A. B. Davis (1 page)
- 131. 11/79 KM site photos w/cover sheet - originator unknown (2 pages)
- 132. 12/6/79 Memo re: Statement conflict from A. B. Davis to C. Norelius (1 page)
- 133. 2/80 KM site photos w/cover sheet - originator unknown (2 pages)
- 134. 2/13/80 Cover letter & Investigation Report 40-2061-7901 with 4 exhibits to I. Denny from J. Keppler (15 pages)
- 135. 3/4/80 Letter regarding exhibits to Report 79-01 to I. Denny from J. Keppler (1 page)
- 136. 3/5/80 Letter addressing issues raised by Rennels letter of 12/28/79 (not included) to E. Rennels from W. Dircks (3 pages)
- 137. 6/26/80 Memo: special survey at West Chicago (no attachments) to J. Sniezek from J. Keppler (1 page)
- 138. 3/81 KM Site Photos with cover sheet - originator unknown (2 pages)
- 139. 5/11/81 Letter re telephone call by private citizen to M. Steward from C. Paperiello (1 page)
- 140. 8/31/81 Memo cover for residential survey in West Chicago (no report attached) to H. Thornburg from J. Hind (2 pages)
- 141. 8/81-8/83 Inspector notes re air sample taken by NRC in West Chicago N. Nicholson (60 pages)

142. 10/1/81 Memo acknowledging report enclosed with J. Hind memo of 8/31/81 to J. Hind from H. Thornburg (1 page)
143. 11/81-12/83 Kerr-McGee GW sample data and NRC inspector evaluation notes by N. Nicholson (344 pages)
144. 11/4/81 Letter re: KM air samples to W. Nixon from W. Shelley (3 pages)
145. 12/7/81 Draft of proposed reply to letter from G. R. McDonald with attached 7/30/76 memorandum from P. Brunner & G. Wright (State of ILL) to V. Randolph (State of ILL) relating to Reed Keppler Park, contamination there, surveys, evaluation, and remedial action to W. Crow from M. Schumacher (11 pages)
146. 1/19/82 Letter responding to inspection report covering June 26-Aug 10, 1981 with attached letter from Central DuPage hospital agreeing to accept Kerr-McGee personnel for treatment to J. Hind from W. Shelley (3 pages)
147. 3/3/82 Letter response to NRC inspections covering 8/11/81 to 2/17/82 to J. Hind from W. Shelley (2 pages)
148. 3/23/82 Reply to Shelley letter of 3/3/82 to W. Shelley from J. Hind (2 pages)
149. 3/31/82 Letter describing NRC inspection policy in reference to 3/8/82 letter from S. Munson (KM) to N. Nicholson (NRC) regarding inspection visit of 2/19/82. March 3 letter attached from J. Keppler to W. Shelley (5 pages)
150. 6/14/82-9/22/82 Pb212 Cont. at EMS-6 plotted - M. Schumacher. (3 pages)
151. 6/23/82 Letter with attached contamination of incinerator stack velocity distribution to I. Denny from T. Snyder (7 pages)
152. 7/12/82-2/26/83 West Chicago offsite air sample DASA (N. Nicholson) (25 pages)
153. 8/82 Inspection evaluation form for 40-2061/82-03 to M. Schumacher from N. Nicholson (3 pages)
154. 10/82-12/82 Review of KM short term interval data at EMS-6 (M. Schumacher) (11 pages)
155. 1/4/83-1/28/83 Inspector evaluation for inspecting 2061/83-4 (N. Nicholson) (3 pages)
156. 7/83 Summary of inspector visits to KM site 1/23/81-1/6/83 (Originator-KM unknown) (4 pages)
157. 1/19/83 Memo re KM factory demolition to R. Page from C. Paperiello (2 pages)

158. 3/2/83 Memo to Hind requesting review of attached EPA memorandum dated (?) from V. Adamkus (EPA) to I. Denny (KM) to J. Hind from A. B. Davis (3 pages)
159. 3/13-8/83 Kerr-McGee air sample data (N. Nicholson, NRC) (8 pages)
160. 3/83-4/83 Pb 212 concentration ratios EMS-10 to EM J-6 and EMS-4/EMS-6 N. Nicholson (2 pages)
161. 3/16/83 Confirmatory Action Letter followup to Meeting of 3/15/85 to W. Shelley from J. Keppler (2 pages)
162. 3/17/83 Preliminary notification regarding elevated lead 212 concentration at KM site to NRC Commissioners from Region III (1 page)
163. 3/21/83 Letter re: meeting with NRC and referring to Adamkus letter of 2/8/83 to V. Adamkus from I. Denny (2 pages)
164. 3/21/83 Reply to Keppler letter of 3/16/83 to J. Keppler from W. Shelley (1 page)
165. 3/24/83 Article about lead-212 monitoring at KM (photocopy) - West Chicago Press (1 page)
166. 4/83-5/83 Water sample data sheets - Kerr-McGee (6 pages)
167. 4/83 Photos at KM air samples EMS-12 and cover sheet (unknown) (2 pages)
168. 5/83 Resume and graph of Pb 212 conc and exposures at Kerr-McGee - M. Schumacher (3 pages)
169. 5/11/83 Memo summarizing inspection findings related to Pb 212 concentrations to J. Axelrad from J. Hind (3 pages)
170. 5/19/83 Letter confirming 5/24/83 meeting at NRC office from J. Keppler to J. Rainey (1 page)
171. 5/20/83 Notice of 5/24/83 meeting with Kerr-McGee (Enf. Conf.) - General Notice (1 page)
172. 5/24/83 Handout prepared for 5/24/83 Enforcement Conference with Kerr-McGee from M. Schumacher to Meeting Attendees (7 pages)
173. 6/22/83 General Notice of 6/28/83 meeting with KM from Region III (1 page)
174. 6/26/83 Graph showing lead-212 at station EMS-11 (1 page)
175. 7/19-9/6/83 Asphalt application MCP for KM Disposal site - Originator - Unknown McGee (1 page)
176. 8/5/83 Memo with attached Enforcement package for KM lead 212 releases to J. Axelrad from W. Schultz (6 pages)

177. 8/26/83 Superfund decision item - Kerr-McGee West Chicago sites to W. Hedeman from V. Adamkus (30 pages)
178. 9/13/85 Letter transmitting Region III report 40-2061/83-02 (report not attached) to A. Raphin from C. Paperiello (1 page)
179. 9/30/85 Response to -/31/83 Notice of Violation - asks withdrawal of citation to J. Keppler from I. Denny (8 pages)
180. 10/26/83 Reply to I. Denny letter of 9/30/83 with attached Denny letter to J. Rainey from J. Keppler (9 pages)
181. 12/6/83 Letter describing air sampling program notification to C. Paperiello from W. Shelley (1 page)
182. 12/20/83 Further response to I. Denny letter of 9/30/83 denying request for withdrawal of citation to J. Rainey from J. Keppler (4 pages)
183. 1/5/84 Letter reporting lead-212 data bias investigation by KM to C. Paperiello from W. Shelley (8 pages)
184. 1/10/84 Notes: personal - developed in reviewing bias noted in Shelley letter of 1/5/84 - M. Schumacher (4 pages)
185. 1/17/84 Reply to Shelley letter of 1/5/84 to W. Shelley from C. Paperiello (1 page)
186. 1/19/84 NRC counter data sheets: KM sample count - Schumacher (3 pages)
187. 1/20/84 Kerr-McGee G4000 counter efficiencies M. Schumacher & M. Krippe1 (2 pages)
188. 1/26/84 Standard source comparisons on NRC counter - M. Schumacher (3 pages)
189. 1/26/84 Comparisons with Kerr-McGee and NRC counters - M. Schumacher (4 pages)
190. 1/27/84 Comparison counts on NRC counter standards - M. Schumacher (2 pages)
191. 1/27/84 More comparisons at Kerr-McGee with NRC standards on Camberra Counter - M. Schumacher (2 pages)
192. 2/02/84 Standard source comparisons on NRC SAC-4 alpha counter - M. Schumacher (1 page)
193. 6/20/84 Placing IDNS on standard report distribution - to L. Carstan from C. Paperiello (1 page)

194. 12/19/61 Memorandum for Division of Licensing and Regulation from T. W. Brockett, subject: Resumption of Thorium Operations
195. 10/27/76 Letter to F.D. Lyons from James M. Allan, re: Steps to correct items of noncompliance.
196. 10/19/84 Photocopy of West Chicago storm sewers with inspector notations M. Schumacher (1 page)
197. 10/84-
11/84 Handwritten inspection report summary list - A. Januska
198. 5/12/83 Disposal Site Sprinkler Layout drawings and charts.
199. 5/12/83 Disposal Site Sprinkler Pump Details drawings and charts.
200. 12/13/84 Data sheet for NRC air sample taken at Kerr-McGee sample location A. Januska (2 pages)
201. 1/7/85 Cover letter for NRC Inspection Report 40-2061/84-04 conducted 12/10/84 - 12/13/84 by A. Januska to J. Stauter from C. Paperiello (7 pages)
202. undated Photo copy of map at disposal site showing ground water sampling locations (date and originator unknown) (1 page)

DOCUMENTS IN
THE PDR

APPENDIX B

<u>DATES</u>	<u>REPORT AND ACCESSION NUMBER</u>
Oct. 6-7, 1980	Report 80-01, PDR 8204150047
Mar. 3, 1981	Report 81-01, PDR 8105260228
Oct. 29 to June 30 1981	Report 81-02, PDR 8108110483
June 26-30, July 15-22, Aug. 10, 1981	Report 81-03, PDR 8109170269
Aug. 11 thru Feb. 17, 1982	Report 82-01, PDR 8203160361
Feb. 17 thru May 28, 1982	Report 82-02, PDR 8206280230
Aug. 10-17 & 24, 1982	Report 82-03, PDR 8209300243
Jan. 4-6 & 25-38, 1983	Report 83-01, PDR 8303280182
Mar. thru June 1983	Report 83-02, PDR 8309150290
Sept. 7-12 & 29, 1983	Report 83-03, PDR 8311010229
Oct. thru Dec. 1983 thru Feb. 7, 1984	Report 84-01, PDR 8403130117
April & May, 1984	Report 84-02, PDR 8406230025
July 3,5,6,11 and Aug. 1, 1984	Report 84-03, PDR 8408240067
December 2, 1982	Letter to William A. Nixon, NRC, from W.J. Shelly, Kerr-McGee, w/attachments - Acc. PDR 8303220442

APPENDIX C

1. 11/16/84 Memorandum for James Lieberman from Jack A. Hind, Subject: Kress Creek Decontamination Litigation (2 pages) with 29 page enclosure.
2. 12/10/84 Eighteen typed pages entitled, "Kress Creek - Staff Affirmative Case." (18 pages)
3. 09/17/70 Letter from J. Allen to G. Roy regarding Compliance - Inquiry Memorandum - American Potash and Chemical Corp., West Chicago, Illinois, License No. STA-583 (40-2061) Report of Film Badge Overexposure.
4. Undated Exhibit C, Attachment 1-13 (Site sketches and monitoring data) Exhibit D (Film badge); Exhibit E (Personal exposure record); Exhibit F (Direct survey records); Exhibit G (overexposure to airborne radioactivity determination dated January 29, 1962.)
5. 08/20/62 Letter from R. Hageman to L. Dubenski regarding Exposure at American Potash, Lindsay Chemical Division. (2 pages)
6. 10/08/76 Letter from R. Mac Leon to D. Knuth regarding notification of an overexposure. (2 pages)
7. 04/26/79 Memorandum for W. Axelson to Region III Files, Subject: Reply to AIT No. F31924F3 - Thorium Survey of Residential Property. (1 page)