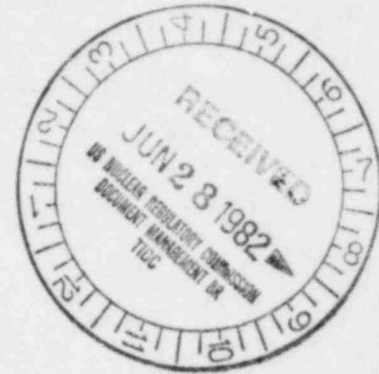




UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

PDR-016

June 17, 1982



Mr. Daniel Akst
The Record
Hamburg Turnpike & Alps Road
Bldg. 36, Preakness Shopping Center
Wayne, NJ 07470

IN RESPONSE REFER
TO FOIA-82-219

Dear Mr. Akst:

This is in partial response to your letter dated April 27, 1982, in which you requested, pursuant to the Freedom of Information Act, any and all documents relating to NRC activities concerning Sheffield Brook in Wayne, New Jersey, along with any other material relating to or stemming from any radiation in Wayne, New Jersey.

As agreed in a telephone conversation on June 14, with Nina Toms of my staff, we are forwarding to you the documents listed on Appendix A. As specified in 10 CFR 9.14(b), the charge for reproducing the enclosed 805 pages at five cents (\$0.05) per page, is \$40.25. You will be billed for this amount by our Division of Accounting.

The review of additional documents subject to your request has not yet been completed. When this review is complete, we will advise you of our determination.

Sincerely,

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

Enclosures: As stated

1. April 1, 1954 Letter to Rare Earths, Inc. from Lyall Johnson.
2. July 18, 1955 Contract No. AT(29-6)-993.
3. November, 1955 Monthly Report of Processors of Uranium & Thorium Source Materials, Rare Earths, Inc.
4. December, 1955 Monthly Report of Processors of Uranium & Thorium Source Materials, Rare Earths, Inc.
5. January, 1956 Monthly Report of Processors of Uranium & Thorium Source Materials, Rare Earths, Inc.
6. February, 1956, Monthly Report of Processors of Uranium & Thorium Source Materials, Rare Earths, Inc.
7. March, 1956, Monthly Report of Processors of Uranium & Thorium Source Materials, Rare Earths, Inc.
8. April, 1956, Monthly Report of Processors of Uranium & Thorium Source Materials, Rare Earths, Inc.
9. April 1, 1956 Letter to Rare Earths, Inc. from Lyall Johnson.
10. May, 1956, Monthly Report of Processors of Uranium & Thorium Source Materials, Rare Earths, Inc.
11. June, 1956 Monthly Report of Processors of Uranium & Thorium Source Materials, Rare Earths, Inc.
12. July, 1956 Monthly Report of Processors of Uranium & Thorium Source Materials, Rare Earths, Inc.
13. July 25, 1956 Letter to Davison Chemical Company from Lyall Johnson.
14. August 15, 1956 to Rare Earths, Inc. from Lyall Johnson.
15. August 20, 1956 Letter to Rare Earths, Inc. from Lyall Johnson.
16. October 31, 1956 Letter to Davison Chemical Company from Lyall Johnson.
17. November 16, 1956 Export License to Rare Earths, Inc.
18. December 21, 1956 to Lyall Johnson from Richard L. Stone.
19. January 14, 1957 to Lyall Johnson from Davis P. Barrett.
20. January 24, 1957 to Davison Chemical Company from Lyall Johnson.
21. February 27, 1957 to Rare Earths, Inc. from Lyall Johnson.
22. Letter to Rare Earths, Inc. from Lyall Johnson.
23. March 10, 1958 to Lyall Johnson from David P. Barrett.

24. March 13, 1958 to Davison Chemical Company from J. C. Delaney.
25. March 19, 1959 to J. C. Delaney from David P. Barrett.
26. March 27, 1959 to W. R. Grace & Co. from J. C. Delaney.
27. April 29, 1959 to Joe C. Delaney from A. L. Price.
28. November 19, 1959 to PBK from JRR re: Telephone Call from John Russo, New Jersey State Dept. of Health.
29. November 25, 1959 Part 40 Inspection, Rare Earths, Inc.
30. February 26, 1959 Purchase Order - Davison Chemical Company, Order No. 870
31. December 2, 1959 USAEC, New York Operations Office, Health & Safety Division.
32. January 26, 1960 to Marvin M. Mann fr. Robert W. Kirkman re: Transmittal of License Compliance Inspection Report - 10 CFR 40.
33. February 11, 1960 Letter to J. C. Delaney from Thomas O. Tongue. re: Source Material License No. R-196
34. February 15, 1960 to Davison Chemical Company from J. C. Delaney.
35. February 17, 1960 to Davison Chemical Company from J. C. Delaney.
36. March 24, 1960 to Davison Chemical Company from Lyall Johnson.
37. April 8, 1960 to Files from R. G. Page Subject: Collect Call to Mr. D. C. Hubbard Davison Chemical Company.
38. May 24, 1960 to Files from C. G. Welty Subject: Meeting Between Representatives of DLR and Davison Chemical Company.
39. June 6, 1960 to Davison Chemical Company from Lyall Johnson.
40. July 21, 1960 Division of Inspection Memo Route Slip re: Cases Pending Enforcement Action - Part 40.
41. July 29, 1960 to Lyall Johnson from T. O. Tongue.
42. January 13, 1961 to Lyall E. Johnson from Donald Warner re: Completion of Enforcement Action - Davison Chemical Company.
43. May 15, 1961 to Lester R. Rogers from Donald E. Warner Subject: Completion of Enforcement Action, W. R. Grace.
44. May 29, 1961 Memo Route Slip to NY, Compliance Division, R. W. Kirkman from Donald E. Warner.
45. June 29, 1961, Compliance Inspection Report, W. R. Grace & Company.
46. July 3, 1961 to Lyall Johnson from Peter J. Garino.
47. July 6, 1961 to Lyall Johnson from P. J. Garino.

48. July 19, 1961 to Rare Earths, Inc. from Paul B. Klavin.
49. July 26, 1961 to W. R. Grace & Company from Robert W. Kirkman Subject: Licensing Requirements for Persons Possessing Uranium or Thorium Source Material.
50. July 28, 1961 to L. Dubinski from R. E. Cunningham Subject: Rare Earths Incorporated.
51. August 2, 1961 to Lyall Johnson from T. O. Tongue.
52. August 7, 1961 to Robert Lowenstein from Robert W. Kirkman Subject: Transmittal of License Compliance Inspection Report-10 CFR 40.
53. August 8, 1961 to R. W. Kirkman from Leo Dubinski Subject: Rare Earths, Inc.
54. August 10, 1961 to D. Nussbaumer from R. E. Cunningham Subject: Rare Earths, Inc.
55. August 17, 1961 to Robert Lowenstein from Robert W. Kirkman Subject: Transmittal of License Compliance Inspection Report-10 CFR 40.
56. October 4, 1961 to Files from D. F. Harmon Subject: Radiological Safety Evaluation, W. R. Grace & Company, Davison Chemical Company.
57. November 22, 1961 to W. R. Grace & Company from Donald A. Nussbaumer.
58. Davison Chemical Company, Docket 40-86, description of letters sent.
59. November 22, 1961 to W. R. Grace & Company from Donald A. Nussbaumer.
60. November 22, 1961 Source Material License, W. R. Grace & Company.
61. June 24, 1964 to W. R. Grace & Company from Robert W. Kirkman.
62. June 4, 1959 Purchase Order - Davison Chemical Company - Order No. 976.
63. July 24, 1964 to Robert W. Kirkman from Richard M. Mandle.
64. July 28, 1964 Memo Route Slip to R. G. Page and L. Dubinski from R. W. Kirkman.
65. July 29, 1964 Region I, Routing Slip to Epstein.
66. September 2, 1964 to W. R. Grace & Company from Donald A. Nussbaumer Subject: Notice of License Expiration.
67. September 18, 1964 to Director, Div. of Licensing & Regulation from Richard L. Stone.
68. October 12, 1964 to W. R. Grace & Company from Donald A. Nussbaumer.
69. October 7, 1966 to Donald A. Nussbaumer from Peter J. Garino.
70. November 4, 1966 to W. R. Grace & Company from Don F. Harmon.
71. November 15, 1966 to W. R. Grace & Company from Robert W. Kirkman.
72. April 21, 1982 Letter to R. G. Page from William E. Mott re: Authority for Conducting Remedial Action at the Pompton Plains Site

73. November 30, 1966 to Files from William B. Grant Subject: W. R. Grace & Co.
74. March 20, 1967 to Marcus & Levy from Robert W. Kirkman.
75. August 28, 1967 to W. R. Grace & Company from Donald A. Nussbaumer Subject: Notice of License Expiration.
76. September 19, 1967 Application for Source Material License, W. R. Grace & Co.
77. October 6, 1967 to W. R. Grace & Company from Don F. Harmon.
78. November 3, 1967 to Don F. Harmon from Hugh J. Sweitzer.
79. November 3, 1967 Application for Source Material License, W. R. Grace & Co.
80. December 5, 1967 Division of Compliance, Memo Route Slip to R. W. Kirkman from Jack R. Roeder.
81. February 13, 1968 to D. F. Harmon from Peter J. Garino.
82. February 14, 1968 W. R. Grace & Co., Process for Breaking Monazite Sands Into Rare Earth and Thorium Compounds.
83. February 26, 1968 to W. R. Grace & Company from Don F. Harmon.
84. February 26, 1968 to J. R. Roeder from A. F. Ryan Subject: Phillipp Brothers Division of Engelhard Minerals & Chemical Corp, Your Memo of 12-5-67.
85. Job Analysis Sheet, Operator, James Lindenbeal.
86. December 4, 1968, Inspection Findings and Licensee Acknowledgment, W. R. Grace & Company.
87. December 6, 1968 to W. R. Grace & Company from Robert W. Kirkman.
88. December 20, 1968 to RSC, Inspection Evaluation W. R. Grace & Company.
89. December 4, 1968, Region I, Division of Compliance, Special Limited Inspection, W. R. Grace & Company.
90. January 6, 1969 to J. R. Roeder from R. S. Cleveland, Subject: Compliance Inquiry Memorandum, W. R. Grace & Company.
91. December 29, 1970, Inspection Findings & Licensee Acknowledgment, W. R. Grace & Company.
92. April 6, 1971 to AEC from Peter J. Garino.
93. April 21, 1971 to P. R. Nelson from C. F. Stearns Subject: W. R. Grace & Company.
94. April 23, 1971 to W. R. Grace & Company from Robert L. Layfield.
95. December 27, 1972 to W. R. Grace & Company from James G. Malaro.
96. January 16, 1973 Licensee, W. R. Grace & Company.

97. January 22, 1973, Materials Data Input S/SNM, W. R. Grace & Company.
98. January 22, 1973, Materials Data Input, W. R. Grace & Company.
99. December 7, 1973 to File, License STA-422 from R. Smith.
100. December 7, 1973 to W. R. Grace & Company from Raymond H. Smith.
101. December 14, 1973 to Director of Licensing from B. L. Mobley.
102. December 20, 1973, Materials Data Input S/SNM, W. R. Grace & Company.
103. December 20, 1973, Materials Data Input, W. R. Grace & Company.
104. January 3, 1974 to Doug Weiss from B. L. Mobley.
105. January 3, 1974 to W. R. Grace & Company from William O. Miller.
106. February 26, 1974 to James F. Wagner from Doug Weiss.
107. June 18, 1974 Health Physics Report for W. R. Grace Company.
108. July 26, 1974 to Bernard Singer from B. L. Mobley.
109. August 6, 1974 2-Way Memo to B. Singer, D. Collins from Buchanan, Subject: Survey, W. R. Grace & Co.
110. Appendix A, Radiation Readings.
111. September 16, 1974 to Bernard Singer from B. L. Mobley.
112. October 24, 1972 to Harold D. Thornburg from Paul R. Nelson.
113. October 30, 1974 to Bernard Singer from B. L. Mobley.
114. November 7, 1974 to P. R. Nelson from Gen W. Roy Subject: W. R. Grace & Co. Burial of Radioactive Materials in Excess of Part 20 Limits.
115. December 16, 1974 Statement by Peter J. Garino.
116. December 16, 1974 Statement by John J. Baum.
117. January 9, 1975 Note to Cecil Buchanan from James Lieberman Subject: Release of Unrestricted Property (W. R. Grace & Co., Division Chemical Division).
118. January 22, 1975 to W. R. Grace & Company from Bernard Singer.
119. January 22, 1975 to W. R. Grace & Company from Bernard Singer.
120. February 19, 1975 Memo to File from R. O. McClintock re: W. R. Grace & Co.
121. FIN A9093, Seventh Site for Radiological Survey by ORAU, W. R. Grace Company.
122. January 26, 1981 to W. R. Grace & Company from John D. Kinneman.

123. May 1981, An Aerial Radiological Survey of the W. R. Grace Property by EG&G.
124. May 21, 1981, Aerial Radiological Surveys Set for Cities of Gloucester and Orange, and Township of Wayne.
125. July 2, 1981 to William Mott from T. T. Martin Subject: W. R. Grace Facility.
126. July 30, 1981 Memorandum for Leo Higginbotham from James H. Joyner, Subject: Review of Formerly Used Sites, TI-2690.
127. August 25, 1981 Memorandum for William T. Crow from James H. Joyner Subject: W. R. Grace Co.
128. September 18, 1981 Memorandum for G. H. Cunningham from Leo B. Higginbotham. Subject: Legal Responsibility for Remedial Action at W. R. Grace Site
129. September 18, 1981 Memorandum for J. H. Joyner from Leo B. Higginbotham Subject: Review of Formerly Used Sites TI-2690 W. R. Grace Co.
130. October 8, 1981 Memorandum for Leo B. Higginbotham from R. G. Page Subject: Radiological Survey of W. R. Grace Site.
131. October 27, 1981 Memorandum for Robert Fonner from John D. Kinneman Subject: W. R. Grace & Company.
132. November 27, 1981 to W. R. Grace & Co. from W. T. Crow.
133. November 30, 1981 Note to: Files from W. T. Crow Subject: W. R. Grace Company.
134. November 30, 1981 to Doug Sly, IE HQ from M. Campbell, Region I, W. R. Grace & Company, Licensing History.
135. November 30, 1981 to V. Stello from R. Haynes, Region I, attaching Memorandum for Victor Stello from Ronald C. Haynes Subject: W. R. Grace & Co.
136. November 30, 1981 Preliminary Notification of Event or Unusual Occurrence, PNO-II-81-109.
137. December 1, 1981 to W. R. Grace and Co. from Thomas T. Martin Subject: NRC Inspection No. 99990001/81-21.
138. December 1, 1981 Memorandum for Victor Stello from Ronald C. Haynes Subject: W. R. Grace and Co.
139. December 1, 1981 to Doug Sly from M. Campbell, Historical Background and Summary of W. R. Grace Inspection Results.
140. December 2, 1981 Preliminary Notification of Event or Unusual Occurrence -- PNO-I-81-128.
141. December 8, 1981 Preliminary Notification of Event or Unusual Occurrence-- PNO-I-81-128A.
142. December 11, 1981 to Thomas T. Martin from Armin Wille.

143. December 11, 1981 to William Mott from Thomas T. Martin Subject: W. R. Grace Facility.
144. December 16, 1981 Memorandum for D. Mausshardt from H. D. Thornburg Subject: W. R. Grace Site - Pompton Plains.
145. December 24, 1981 to W. R. Grace & Co. from R. G. Page.
146. December 30, 1981 to Dr. Loyce Feldman from Thomas T. Martin Subject: W. R. Grace Facility.
147. January 6, 1982 to W. R. Grace and Co. from Thomas T. Martin Subject: Inspection 99990001/81-21.
148. February 19, 1982 to M. Campbell from W. T. Crow, attaching February 19, 1982 Note to R. G. Page from W. T. Crow Subject: Telecon - Re: Preliminary Site Visit to the W. R. Grace Facility.
149. February 25, 1982 to Assessment Office, Township of Wayne from John D. Kinneman Subject: Identity of Property Owner.
150. February 26, 1982, List of names and affiliations and phone numbers.
151. March 5, 1982 to Township of Wayne, ATTN: Steve Emolo from John D. Kinneman Subject: Copy of Tax Map.
152. March 24, 1982 Memorandum for John D. Kinneman from Myu A. Campbell Subject: Meeting Between Representatives of the Nuclear Regulatory Commission and the Department of Energy to Discuss the W. R. Grace & Co. Facility.
153. March 24, 1982, Proposed Radiological Survey Plan, W. R. Grace Property.
154. April 1, 1982 Memorandum for John D. Kinneman from Myu Campbell Subject: ORAU Surveys of the W. R. Grace and Company Facility.
155. April 1, 1982 to W. R. Grace and Company from Ronald C. Haynes Subject: W. R. Grace and Company Facility.
156. April 6, 1982 to W. R. Grace and Company from Ronald C. Haynes Subject: W. R. Grace and Company Facility.
157. April 3, 1982 to Township of Wayne, ATTN: Walter Jasinski from James H. Joyner Subject: Proposed Surveys of the Sheffield Brook.
158. April 9, 1982, Note to News and Assignment Editors, W. R. Grace and Company, Historical Background.
159. April 19, 1982 to Ruth Baum from John D. Kinneman Subject: Radioactive Contamination in Wayne, New Jersey.
160. Newspaper Articles from TODAY NEWSPAPERS.
161. April 30, 1982 THE NEWS, Newspaper Article.
162. April 27, 1982 Memorandum for Thomas T. Martin from John D. Kinneman Subject: Meeting with W. R. Grace and Company Representatives.

163. April 28, 1982 Memorandum for James H. Joyner from John D. Kinneman
Subject: Meeting with Mayor of Wayne Township, Wayne, New Jersey.
164. Newspaper Article.
165. June 29, 1956 Letter to Lyall C. Johnson from Richard M. Mandle re:
Thorium Bomb Reduction
166. August 2, 1956 Letter to Lyall Johnson from Richard M. Mandle re:
Thorium Residues
167. October 15, 1956 Letter to Eber Price from T. C. Runion re: Economic
Studies
168. November 29, 1956 Letter to Lyall Johnson from Richard L. Stone re:
Uranium-Magnesium Fluoride Slag for Recovery of the Contained Uranium
169. May 21, 1957 Form FC-826 re: Monazite Sand
170. January 12, 1960 Letter to Paul B. Kleven from Richard M. Mandle re:
Inspection of Facilities
171. April 11, 1960 Letter to Lyall Johnson from T. O. Tongue re: Inspection of
Pompton Plains, New Jersey, Facility
172. June 20, 1960 Letter to Lyall Johnson from T. O. Tongue re: Release of
Source Material to Unrestricted Areas
173. February 5, 1965 Memorandum to File from Peter J. Garino re: Shipment
of Radioactive Material
174. March 10, 1967 Letter to Robert Kirckman from Marcus & Levy re:
Workmen's Compensation
175. September 26, 1967 Letter to Atomic Energy Commission from A. C. Rutzen
re: Attached U.S. Import Certificates
176. November 6, 1967 Form FC-826 re: Malaysian Monazite Sand
177. December 17, 1974 Letter to Bernard Singer from B. L. Mobley re:
License STA-422
178. August 22, 1978 Memorandum to B. L. Mobley from C. P. Metzger re:
Burials of Radioactive Materials
179. August 28, 1978 Letter to Fred V. Shaw from Marjorie S. Malmberg re:
Results of Gross Alpha and Beta Counting of Two Water Samples
180. September 22, 1978 Memorandum for W. R. Grace File from John D. Kinneman
re: Meeting Between DOE and W. R. Grace on September 5, 1978

181. February 20, 1980 Letter to John W. Hardwicke from N. E. Curtiss re: Lease Entered in Deed Book #D105250
182. February 29, 1980 Letter to Edward F. Heymann from Arthur R. Bartolozzi re: Radioactive Dumping and Burial Site at Oak Ridge
183. June 10, 1980 Letter to Arthur R. Bartolozzi from Armin Wille re: Radioactive Burial Site at Oak Ridge
184. January 6, 1981 Letter to the Nuclear Regulatory Commission from David Waks re: Nuclear Waste Buried on a Site in Wayne Township
185. February 11, 1981 Letter to William E. Mott from Jeanette Eng re: Evaluation of Site by DOE
186. November 19, 1981 Letter to Bernadette Rocco from Burton L. Mobley re: Visit Pompton Plains, New Jersey, Site in December
187. December 8, 1981 Letter to Myu A. Campbell from Armin Wille re: AEC Contracts Found in Files
188. March 5, 1982 Letter to Myu Campbell from Burton L. Mobley re: Walk-Around Survey
189. April 7, 1982 Letter to John Kinneman from Robert A. Meibaum re: View Foils and Color Prints