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May 14, 1986

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BY HAND

John H. Frye, III, Esq.
Dr. James H. Carpenter
Dr. Peter A. Morris
The Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
4350 East West Highway (West Building)
Bethesda, Maryland

Re: Kerr-McGee Chemical Corporation (West-Chicago
Rare Earths Facility), Docket No. 40-2061-ML;
ASLBP No. 83-495-01-ML

Gentlemen:

I hereby forward a copy of a transmittal letter to the NRC Staff from Kerr-McGee Chemical Corporation along with one twenty-binder set of information concerning the West Chicago site and Kerr-McGee's proposed encapsulation cell.

As described in the letter, binders 1 through 9 constitute an engineering report. The remainder of the binders include specific data requested by the NRC Staff or by Argonne National Laboratory in connection with their analyses of the site and the cell. I believe these binders contain information that may be helpful to the panel.

I have requested that Kerr-McGee forward additional copies of the first binder, which constitutes a summary of the engineering report. I will forward additional copies of this

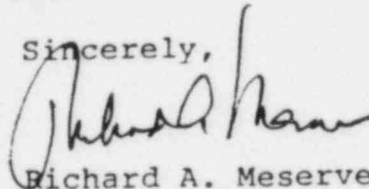
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John H. Frye, III, Esq.
Dr. James H. Carpenter
Dr. Peter A. Morris
May 14, 1986
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holder when they are received. Please feel free to contact me if
I can provide any further information.

Sincerely,



Richard A. Meserve

Counsel for Kerr-McGee
Chemical Corporation

Enclosures

cc: Service List



KERR-McGEE CHEMICAL CORPORATION

KERR-McGEE CENTER • OKLAHOMA CITY, OKLAHOMA 73125

April 16, 1986

Ms. Merri Horn
U. S. Nuclear Regulatory Commission
Uranium Process Licensing Section
Uranium Fuel Licensing Branch
Division of Fuel Cycle and Material
Safety, NMSS
Washington, D.C. 20555

Re: Kerr-McGee Chemical Corporation
West Chicago Rare Earths Facility
Docket NO. 40-2061-ML
ASLBP No. 83-495-01-ML

Dear Ms. Horn:

As you requested, I am hereby forwarding six twenty-binder sets of information concerning the West Chicago site and Kerr-McGee proposed encapsulation cell. The submission responds to requests for information from you and from personnel at the Argonne National Laboratory (Drs. Tsai and Benioff). It also describes recent engineering work that has been undertaken by Kerr-McGee.

Since the fall of 1984, Kerr-McGee has proceeded to develop further technical refinements of the proposal set out in its Stabilization Plan and in the Final Environmental Statement for the West Chicago site. A significant field effort during 1984-86 yielded comprehensive information concerning the wastes, the geology, the geotechnical situation, and groundwater. This information has been used, in part, as the data base for more detailed engineering work. The results of this effort are reflected in a Kerr-McGee document that we have entitled the "Engineering Report."

The Engineering Report is a twelve-volume document, and it has been assembled into Binders 1 through 9. (Each binder may contain more or less than one complete volume). These volumes provide information that is pertinent to your request, as well as substantial additional information which may assist in the preparation of the supplemental final environmental statement. Because the engineering work is ongoing, future revisions of these volumes are likely.

Binders 10 through 20 present the specific data requested by you and the Argonne personnel. Binder No. 10 contains an introductory section and a table of contents for the data requested by you. The data are set out in Binder Nos. 10 through 18. Binder No. 19 contains an introductory section and a table of contents for the information requested by Argonne

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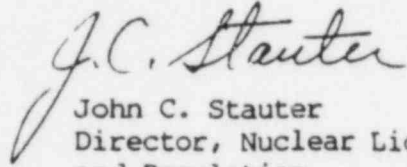
Ms. Merri Horn
April 16, 1986
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National Laboratory. The relevant data are included in Binder Nos. 19 and 20.

As you requested, I have forwarded one set of the binders to Dr. Tsai. I have also forwarded three sets to Mr. Lewis. Mr. Meserve will forward a set to Judge Frye.

Please contact me if you have any questions.

Sincerely,


John C. Stauter
Director, Nuclear Licensing
and Regulation

ILD:JCS:cr
Enclosures

cc: Mr. S. H. Lewis
Dr. S. Y. Tsai
Mr. W. T. Crow