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ENVIRONMENT AND HEALTH MANAGEMENT DIVISION

April 22, 1981

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

DOCKETED USNRC

NMSS

Wm. A. Nixon

Uranium Process Licensing Section JUN 0 8 1981 Tranium Fuel Licensing Branch Division of Fuel Cycle & Mat & Safety CLERK US Nuclear Regulatory Commission

Washington, D. C. 20555

Dear ..r. Nixon:

Of the comments made by the USEPA on the revised West Chicago Stabilization Plan on August 11, 1980, several were answered in our submittal to you on December 9, 1980. Those that were not answered dealt with the specific characteristics of the tailings and sediment materials stored on the site, noting a need for investigation of specific characteristics.

In response to this need, Kerr-McGee employed Dames & Moore to investigate the characteristics of the materials relating to rador and thoron emanation and recalculate doses to the nearby population. Two reports have been generated to replace Appendix 2 of the Stabilization Plan and are attached for your information. Note that the volumes and areas of the residues on page 8 of the "Impacts" report have been recalculated and will replace those shown on page 3.22b of the revised Stabilization Plan.

Please let me know if you have questions or further comments.

Shelley, Vice President

Nyclear Licensing and Regulation

WJS/pls

Attachments

cc: L. Sanguinsin - Argonne National Laboratory

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