



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

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Assign to Lohman
Due 10/3

MEMORANDUM FOR: Ms. Gayne Kerr, Director
Office of State Programs

FROM: Richard E. Cunningham, Director
Division of Fuel Cycle and Material Safety, NMSS

SUBJECT: LICENSING OF KRESS CREEK RADIOACTIVE MATERIAL

As requested in your memorandum dated September 8, 1986, we have reviewed the draft letter to Illinois on Kress Creek and feel that you should be aware of some additional aspects of the West Chicago case.

The Kress Creek material is not the only material in the West Chicago area to be transferred to Illinois. There is an estimated 17,000 yd³ of contaminated material located in Reed Keppler Park. This material is not under NRC license, however, the City of West Chicago has been informed that if they propose to move this material, they should inform the Commission and that licensing may be required. We consider the material to be source material due to the thorium content and thus subject to the Agreement.

In addition, Kerr-McGee is authorized to temporarily store at the West Chicago site approximately 47,000 yd³ of contaminated material from the Sewage Treatment Plant and the residential thorium removal program. This material is being stored on the site temporarily until a location is chosen for disposal. The staff considers these materials to be source material and therefore subject to the Agreement.

We believe that these additional aspects should be considered when informing Illinois of the special circumstances of this case.

for Richard E. Cunningham
Richard E. Cunningham, Director
Division of Fuel Cycle and
Material Safety

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