



UNITED STATES

NUCLEAR REGULATORY COMMISSION

REGION IV

URANIUM RECOVERY FIELD OFFICE
BOX 25325
DENVER, COLORADO 80225

'85 AUG -5 A10:57

AUG 01 1985

WM Record File

WM Project 39

Docket No.

PDR ☒

LPDR

URFO:GCP
REG 2

Distribution:

LBH

DEM

Sollenberger

Erugne

MEMORANDUM FOR:

Leo B. Higginbotham, Chief (Return to WM, 623-33)
Low-Level Waste and Uranium Recovery Projects Branch
Division of Waste Management

FROM:

R. Dale Smith, Director
Uranium Recovery Field Office, Region IV

SUBJECT:

URFO REVIEW OF DRAFT STAFF POSITION ON TESTING AND
INSPECTION DURING CONSTRUCTION OF DOE'S REMEDIAL
ACTION AT INACTIVE URANIUM MILL TAILINGS SITES

The Uranium Recovery Field Office (URFO) has completed its review of the "Draft Staff Technical Position on Testing and Inspection Plans During Construction of DOE's Remedial Action at Inactive Uranium Mill Tailings Sites." Although the staff had no substantive problems with the position paper, one particular requirement was felt to be deserving of further attention, as noted in the following paragraph:

1. Section 3.2.3, p. 6

The frequencies specified for routine field density testing of compacted materials appear high. Both "Design of Small Dams" (Section 11.3d), and "Earth and Earth-Rock Dams" (Section E-4), recommend a frequency of one test per 2,000 cubic yards of embankment fill placed for routine testing. While a higher frequency may be necessary for radon barrier or liner materials, the frequency recommended in the above references should be adequate for other compacted materials.

8508150069 850801
PDR WASTE
WM-39 PDR

AUG 01 1985

We appreciate the opportunity to comment on this position. If you have any questions, please contact George Pangburn at FTS 776-2813.

for Edward R. Hawkins
R. Dale Smith, Director
Uranium Recovery Field Office
Region IV