



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064

MAR 10 1994

Docket: 030-03731  
License: 05-02678-03

U. S. Department of the Interior  
Bureau of Reclamation  
Division of Research  
ATTN: Mr. Abel Benavidez  
Radiation Safety Officer  
P.O. Box 25007  
Denver, Colorado 80225-0007

SUBJECT: NRC INSPECTION REPORT 030-03731/94-01

This refers to the routine, unannounced inspection conducted by Ms. M. Linda McLean of this office on February 18, 1994. The inspection included a review of activities authorized by Byproduct Materials License 05-02678-03. At the conclusion of the inspection, the findings were discussed with members of your staff.

The inspection was an examination of activities conducted under the license as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of the license. The inspection consisted of selective examinations of procedures and representative records, interviews of personnel, independent measurements, and observation of activities in progress.

No violations or deviations were identified; therefore, no response to this letter is required.

The inspector determined that you possessed 10 cesium-137/ameridium-241 nuclear gauges used for moisture/density measurements for use in states where the Bureau of Reclamation operates. The inspector discussed with you some of the requirements in revised 10 CFR Part 20 which went in affect January 1994. In particular, she discussed the lower radiation dose limits to members of the general public and how the reduced limits may impact upon the storage of your nuclear gauges.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter will be placed in the NRC Public Document Room.

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PDR ADOCK 03003731  
C PDR

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Should you have any questions concerning this letter, please contact the inspector identified above at (817) 860-8100.

Sincerely,

*Charles L. Cain*

Charles L. Cain, Chief  
Nuclear Materials Inspection Branch

cc:  
Colorado Radiation Control Program Director

bcc:

DMB - Original (IE-07)

LJCallan

SJCollins

RAScarano, DRSS/RIV

LWCamper

MMessier, OC/LFDCB (4503)

\*WLFisher

\*CLCain

\*MLMcLean

\*NMIB

\*MIS System

\*RIV Files (2)

\*W/IFS Form

|                     |                 |  |  |  |
|---------------------|-----------------|--|--|--|
| RIV:NMIB            | C:NMIB <i>W</i> |  |  |  |
| MLMcLean <i>MLM</i> | CLCain          |  |  |  |
| 03/8/94             | 03/4/94         |  |  |  |

bcc:

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| 03/8/94             | 03/4/94           |  |  |  |