



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV

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

September 2, 1997

Mr. William C. Salisbury  
American Nuclear Corporation  
P.O. Box 2713  
Casper, Wyoming 82602

SUBJECT: NRC INSPECTION REPORT 40-4492/97-01

Dear Mr. Salisbury:

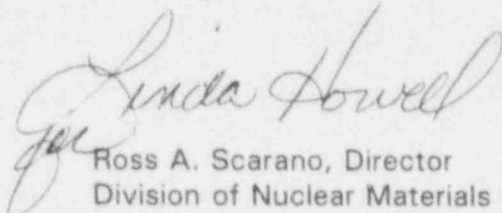
On July 29, 1997, the NRC completed an inspection of your former Gas Hills Project uranium milling facility. The inspection was an examination of activities conducted under the license as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of the license. In addition, the inspection was an examination of the reclamation and construction related activities being conducted under your license and in response to the NRC Confirmatory Order issued to the Wyoming Department of Environmental Quality (WDEQ). The enclosed report presents the results of that inspection.

An issue that will be reviewed further during a future NRC inspection relates to the specification for moisture/density field test frequency on cover materials. The specification is one test per 5,000 cubic yards of material placement as indicated in your reclamation plan. The test frequency specification in the reclamation plan differs from that provided in Section 3.2.3 of NRC's "Staff Technical Position on Testing and Inspection Plans during Construction of DOE's Remedial Action at Inactive Uranium Mill Tailing Sites," dated March 1987 (Nuclear Regulatory Commission, 1987), which requires one test per 500 cubic yards of material placement. It is our understanding that the WDEQ committed to conform to the requirements provided in the staff technical position. This issue has been forwarded to NRC's Office of Nuclear Material Safety and Safeguards for discussion with WDEQ.

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

Should you have any questions concerning this inspection, please contact M. Linda McLean at (817) 860-8116 or Mr. Charles L. Cain at (817) 860-8186.

Sincerely,

  
Ross A. Scarano, Director  
Division of Nuclear Materials Safety

090016

Docket No.: 40-4492



9709090164 970902  
PDR ADOCK 04004492  
C PDR

Enclosure:

NRC Inspection Report 40-4492/97-01

cc w/enclosure:

Mr. Ray Burbaker, State Director  
Bureau of Land Management  
P.O. Box 1828  
Cheyenne, Wyoming 82003

Mr. David Finley  
Solid and Hazardous Waste Division  
Wyoming Department of Environmental Quality  
122 West 25th Street  
Cheyenne, Wyoming 82002

Mr. Mark Moxley  
Wyoming Department of Environmental Quality  
Land Quality Division  
250 Lincoln Street  
Lander, Wyoming 82520-2848

Mr. J. Virgona, Project Manager  
U. S. Department of Energy  
Grand Junction Project Office  
2597 B ¼ Road  
Grand Junction, Colorado 81503

Mr. Pat Mackin, Assistant Director  
Systems Engineering & Integration  
Center for Nuclear Waste Regulatory Analyses  
6220 Culebra Road  
San Antonio, Texas 78238-5166

Wyoming Radiation Control Program Director

E-Mail report to Document Control Desk (DOCDESK)

bcc to DCD (IE07)

bcc distrib. by RIV:

RIV Regional Administrator

LLHowell

JJHolonich, NMSS/DWM/URB (T 7 J9)

KRHooks, NMSS/DWM/URB (T 7 J9)

DSRom, NMSS/DWM/ENGB (T 7 J98)

MMessier, OC/LFDCB (T 9 E10)

CLCain

DBSpitzberg

FAWenslawski

\*MLMcLean

\*NMI&FC\DB

\*MIS System

\*RIV Nuclear Materials File - 5th Floor

\*W/IFS Form

DOCUMENT NAME: G:\FCDB.O\MLM\ANC.97

To receive copy of document, indicate in box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

RIV:NMI&FC/DB		NMSS:DWM		C:NMLB		DD:DNMS		D:DNMS	
MLMcLean <i>MLM</i>		DSRom <i>MLM for</i>		CLCain <i>MLC</i>		LLHowell <i>HL</i>		RAScarano	
08/21/97		08/21/97 <i>by phone</i>		08/28/97		08/22/97 <i>HL</i>		08/ /97	

OFFICIAL RECORD COPY

E-Mail report to Document Control Desk (DOCDESK)

bcc to DCD (IE07)

bcc distrib. by RIV:

RIV Regional Administrator

LLHowell

JJHolonich, NMSS/DWM/URB (T 7 J9)

· KRHooks, NMSS/DWM/URB (T 7 J9)

DSRom, NMSS/DWM/ENGB (T 7 J98)

MMessier, OC/LFDCB (T 9 E10)

CLCain

DBSpitzberg

FAWenslawski

\*MLMcLean

\*NMI&FC\DB

\*MIS System

\*RIV Nuclear Materials File - 5th Floor

\*W/IFS Form

DOCUMENT NAME: G:\FCDB.O\MLM\ANC.97

To receive copy of document, indicate in box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

RIV:NMI&FC/DB	NMSS:DWM	C:NMLB	DD:DNMS	D:DNMS
MLMcLean <i>MLM</i>	DSRom <i>MLM for</i>	CLCain <i>CLC</i>	LLHowell <i>LLH</i>	RASgarano
08/21/97	08/21/97 <i>by phone</i>	08/28/97	08/2/97 <i>JA</i>	08/ /97

OFFICIAL RECORD COPY