



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

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

DEC 15 1993

Docket: 50-274

License: R-113

U.S. Department of the Interior
Geological Survey
ATTN: Dr. Carl E. Hedge
Reactor Administrator
P.O. Box 25046 - Mail Stop 963
Denver Federal Center
Denver, Colorado 80225-0046

SUBJECT: NRC INSPECTION REPORT 50-274/93-01

This refers to the inspection conducted by Dr. J. B. Nicholas of this office during the period November 15-18, 1993. The inspection included a review of activities authorized for the U.S. Department of Interior, Geological Survey TRIGA Mark-I Reactor Facility. At the conclusion of the inspection, the findings were discussed with you and those members of your staff identified in the enclosed report.

Areas examined during the inspection are identified in the report. These areas included the reactor operations, nuclear material control and accountability, radiation protection, emergency preparedness, and physical security programs. Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with personnel, and observation of activities in progress. The results of this inspection are documented in the enclosed report.

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

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

A handwritten signature in cursive script that reads "Dwight D. Chamberlain".

Dwight D. Chamberlain, Acting Director
Division of Radiation Safety
and Safeguards

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**DOCUMENT CONTAINS PROPRIETARY INFORMATION
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U.S. Department of Interior
Geological Survey

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Enclosures:

1. Appendix - NRC Inspection Report
50-274/93-01
2. Attachment 1 - Persons Contacted and Exit Meeting
3. Attachment 2 - Physical Security Inspection - PROPRIETARY INFORMATION

cc without Attachment 2 (PROPRIETARY INFORMATION):

University of Texas
ATTN: D. E. Klein, Chairman
Reactor Operations Committee
Office of Dean of Engineering
Austin, Texas 78712-1080

U.S. Department of Interior
Geological Survey
ATTN: T. M. DeBey
Reactor Supervisor
P.O. Box 25046 - Mail Stop 974
Denver Federal Center
Denver, Colorado 80225-0046

Colorado Department of Health
ATTN: R. M. Quillin, Director
Radiation Control Division
4210 East 11th Avenue
Denver, Colorado 80220-3716

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U.S. Department of Interior
Geological Survey

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bcc to DMB without Attachment 2 (PROPRIETARY INFORMATION) (IE01):

bcc with copy of entire report:

J. L. Milhoan
J. B. Nicholas, DRSS/FIPS
DRSS/FIPS File
RIV File

bcc without Attachment 2 (PROPRIETARY INFORMATION):

DRP
MIS System
A. Adams, NRR Project Manager (MS 11 B20)
Lisa Shea, RM/ALF, MS: MNBB 4503
R. A. Scarano, RV/DRSS

RIV:FIPS	C:FIPS	AD:DRSS		
JBNicholas:nh	BMurray	DDChamberlain		
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