

APPENDIX

U. S. NUCLEAR REGULATORY COMMISSION  
REGION IV

NRC Inspection Report: 30-19059/85-03

License: 43-19662-01

Docket: 30-19059

Licensee: Met-Chem Engineering Laboratories  
369 West Gregson Avenue  
Salt Lake City, Utah 84115

Inspection At: Salt Lake City Facility on July 25, 1985

Inspector: R. J. Everett  
R. J. Everett, Chief, Nuclear Materials Safety  
Section

7/29/85  
Date

Approved: B. E. Hall  
B. E. Hall, Chief, Radiological and Safeguards  
Programs Branch

7/29/85  
Date

Inspection Summary

Inspection Conducted July 25, 1985 (Report 30-19059/85-03)

Areas Inspected: Special, announced inspection of the licensee's radiographic operations since June 20, 1985, and a review of the licensee's revisions to the Radiation Protection Program. The inspection involved three NRC inspector-hours by one NRC inspector.

Results: No violations or deviations were identified. The NRC inspector concluded that the licensee had met his commitments to cease radiographic operations in NRC jurisdiction states and to revise his radiation protection program to assure compliance with NRC requirements.

## DETAILS

### 1. Persons Contacted

\*N. Wayne Hansen, President, Assistant Radiation Protection Officer

\*Douglas R. Johnson, Radiation Protection Officer

\*Denotes those present at the exit briefing on July 25, 1985.

### 2. Licensee Action on Previous Inspection Findings

The NRC inspector reviewed the licensee's corrective actions on each of the apparent violations identified during the enforcement conference held at the Region IV office on June 26, 1985. The NRC inspector concluded that the corrective actions were appropriate and essentially complete for each violation identified. Pending the NRC's formal presentation of these violations and the licensee's written response to each violation, these violations are considered open.

### 3. Review of Radiographic Operations

The NRC inspector reviewed the utilization logs, which document the use and location of each licensed source, to verify that radiography had not been conducted in states under NRC jurisdiction since June 20, 1985. No use was found and the licensee stated that licensed material had not been used in NRC jurisdiction states during this time period.

No violations or deviations were identified.

### 4. Review of Changes to Radiation Protection Program

The NRC inspector reviewed changes to the licensee's radiation protection program as described in his letter to the NRC of July 17, 1985. The significant changes included the hiring of a full time Radiation Safety Officer (RSO), the establishment of duties and authorities of the new RSO, development of a quality assurance program, audit procedures and checklists to ensure regulatory requirements have been met, and the development of forms that serve to document compliance with requirements. The NRC inspector discussed these changes in relation to the violations that were identified. The NRC inspector concluded that the changes described were appropriate and would give necessary management controls over the radiation protection program.

No violations or deviations were identified.

### 5. Exit Briefing

The NRC inspector met with the individuals mentioned in Paragraph 1 and described the findings of the inspection. The NRC inspector stated that written notification would be made to the licensee regarding the status of his licensed program in NRC jurisdiction states. The licensee acknowledged his understanding of the findings.