

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-264/92001(DRSS)

Docket No. 50-264

License No. R-108

Safeguards Group V

Licensee: Dow Chemical Company
Building 1803
Midland, MI 48640

Facility Name: Dow TRIGA Research Reactor Facility

Inspection At: Dow TRIGA Research Reactor Facility, Building 1602
Midland, Michigan

Inspection Conducted: September 15, 1992

Date of Last Physical Security Inspection: August 29-30, 1989

Type of Inspection: Announced Physical Security

Inspector: J. L. Belanger
J. L. Belanger
Senior Physical Security Inspector

9/22/92
Date

Approved By: J. R. Creed
J. R. Creed, Chief
Safeguard Section

9/22/92
Date

Inspection Summary

Inspection on September 15, 1992 (Report No. 50-264/92001(DRSS))

Areas Inspected: Included a review of the approved "Security Plan for the Dow TRIGA Facility" dated June 1987 and revision dated April 1988. Also included a review of Plans, Procedures and Revisions; Reports of Safeguards Events; and Fixed Site of Physical Protection of Special Nuclear Material of Low Strategic Significance.

Results: The licensee was found to be in compliance with NRC requirements within the area examined during this inspection.

The licensee's physical security program adequately implemented the requirements of 10 CFR Part 73. Revisions to the security plan were not required since the last security inspection. No attempts were made to commit a theft of special nuclear material (SNM). No safeguards events occurred which would have been required to be reported to the NRC.

The licensee's physical protection system minimized the potential for unauthorized removal of SNM which was stored and used only in a Controlled

Access Area (CAA). The security system provided early detection and assessment of unauthorized access or activities in the CAA. Security related records were well maintained and readily available. The onsite response force was trained, equipped and qualified to perform response functions.

DETAILS

1. Persons Contacted

*J. Havel, Research Manager
*C. Kocher, Reactor Supervisor
L. McJames, Senior Emergency Services Supervisor

*Denotes those present at the Exit Interview on September 15, 1992

2. Followup on Previous Inspection Findings (IP 92701, 92702)

There were no previous inspection findings that were open.

3. Entrance and Exit Interviews

- a. At the beginning of the inspection, Mr. C. Kocher was informed of the purpose of this visit and the functional areas to be examined.
- b. The inspector met with the licensee representatives denoted in Section 1 at the conclusion of the inspection on September 15, 1992. A general description of the scope of the inspection was provided. Briefly listed below are the findings discussed during the exit interview.

The licensee acknowledged the inspector's comment that no violations were identified during the inspection.

4. Program Areas Inspected

Listed below are the areas which were examined by the inspector within the scope of these inspection activities in which no violations, deviations, unresolved or open items were identified. These areas were reviewed and evaluated as deemed necessary by the inspector to meet the specified "Inspection Requirements" (Section 02) of the applicable NRC Inspection Procedure (IP) as applicable to the security plan. Sampling reviews included interviews, observations, testing of equipment, documentation review that provide verification of your ability to meet security commitments. The depth and scope of activities were conducted as deemed appropriate and necessary for the Program Area and operational status of the security system.

<u>Number</u>	<u>Program Area and Inspection Requirements Reviewed</u>
81401	<u>Plans, Procedures and Reviews:</u> (01) Plan Revisions; (02) Unapproved Revisions; (03) Records of Revisions; (04) Procedures; (05) Security Program Review.
81402	<u>Reports of Safeguards Events:</u> (01) Trace Investigation; (02) Incidents; (03) Events.

81431

Fixed Site Physical Protection of Special Nuclear
Material of Low Strategic Significance: (01) Use and
Storage; (02) Detection and Surveillance; (03) Access
Control; (04) Response; (05) Search; (06) Testing and
Maintenance.