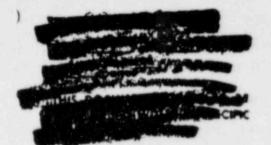
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U.S. NUCLEAR REGULATORY COMMISSION OFFICE OF INSPECTION AND ENFORCEMENT

Region V

Docket No. 50-27	License No. R-76	Safeguards Group 2
Licensee:	Washington State University	
	Pullman, Washington	
Facility Name:	Nuclear Reactor Center	
Inspection at:	Pullman, Washington	
Inspection Conducted:	June 9 and 10, 1980	
	Security Inspection Visit:	October, 1979
	Unannounced Physical Security	
Inspectors:	ortensen, Physical Security Inspec	July 10, 1980
		Date Signed
		Date Signed
Approved by: mc	Achuster	7/10/80
M. D. S	Schuster, Chief, Security Section	bace signed
Inspection Summary:		
Access Control: Alarm	urity Plan; Protection of SNM; Sec Systems, Keys, Locks and Combinat res; Security Program Review; and	ions; communications,
The inspection involve	ed five inspector-hours onsite by	one NRC inspector.
Results: No items of	noncompliance were identified.	
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DETAILS

1. Persons Contacted

*W. Wilson, Assistant Director, Nuclear Radiation Center S. Hawley, Reactor Supervisor B. Rehwaldt, Safety Director Lt. S. West, Campus Police Patrol Supervisor

*Denotes those attending exit interview.

Licensee Action on Previous Inspection Findings

There are no open items of noncompliance as noted on the previous inspection.

3. Exit Interview

The inspector met with licensee representatives (denoted in Paragraph 1) at the conclusion of the inspection of June 10, 1980. The inspectors summarized the scope and findings of the inspection. No comments or commitments were made by the licensee.

4. MC 81405B - Security Plan

No items of noncompliance were noted. The inspection results were attained through:

a. An in office and onsite review of the physical security plan for the Washington State University (WSU) Nuclear Radiation Center. The approved security plan consists of the documents entitled "Washington State University Physical Security Plan" submitted by letter dated August 8, 1974, as revised by letter dated December 15, 1975, October 12, 1976 and August 25, 1978.

The licensee has submitted changes to the physical security plan dated October 19, 1979 and May 5, 1980 which have not yet been approved by licensing.

- b. Observation and confirmation that the designated vital areas within the center as specified in their security plan were:
- c. The inspector did not identify any measures which were different from those specified in their plan; there was no decrease in the effectiveness of their approved plan; and there were no additional findings which are considered a weakness of their security systems.

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5. MC 814108 - Protection of SNM

	items of noncompliance were noted. The center had in its possession roximately The U-235 consisted of
The	U-235 was secured in the following locations:
a.	There were approximately of U-235 in and exempt per 73.67 (b)(1)(i).
b.	There were contained in the and and exempt per 10 CFR 73.6(c), in
с.	There were the of U-235 contained in the second states of U-235 contained states of U-235 contained in the second states of U-235 contained states of U-235

6. MC 814158 - Security Organization

No items of noncompliance were noted. The inspector determined that the licensee's security organization is as described in their physical security plan. Through interviews and review of procedures, it was determined that the Director of the center was responsible for the implementation and enforcement of the security plan.

The security force for the center is provided by WSU Police Department which was visited by the inspector. The security of the

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and the second se	then dispat	ith a minim	IUM OT	
time from				Response
				The
annual brief October 12,				
				responses to ponsibilities

and emergency procedures September 18, 1979 and October 3, 1979 respectively.

7. MC 814208 - Access Control

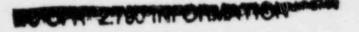
No items of noncompliance were noted. The results of the inspection were attained through:

 A review of the licensee's procedures and used to control access to the Nuclear Radiation Center.

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- b. Observation of the ingress and egress of the staff, employees, students, and visitors to the facility during the period of the inspection.
- c. Observation that access controls have been implemented as described in the security plan to control personnel and vehicle access to the vital equipment, vital areas. and the facility.
- d. Interviews and review of procedures that visitors are identified, authorized for access, and escorted at the facility.
- e. A review of the visitor's register.

8. MC 81425B - Alarm Systems

No items of noncompliance were noted. The inspector determined through interviews and observations that intrusion alarm devices are installed, maintained, tested and operated in accordance with their physical security plan.

Subsequently, during a visit to the during the inspection, the inspector confirmed by observation and interview that

9. MC 81430B - Keys, Locks and Combinations

No items of noncompliance were noted. The procedures for keys, locks and combinations were reviewed and are in conformance with the physical security plan. A check of the locking hardware on the doors was accomplished and found to be in accordance with the approved security plan. As committed to in inspection report 50-27/79-01, the licensee has installed

10. MC 81435B - Communications

No items of noncompliance were noted. The Nuclear Radiation Center utilizes for communication on and off the campus which is the primary means of contact with The reactor has available

the radio equipped automobiles and portable radios carried by the individual police officers.

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11. MC 81440B - Surveillance

No items of noncompliance were noted. The inspector determined that the surveillance of SNM, vital equipment, vital areas, physical barriers and avenues of approach to vital areas have been implemented as stated in their physical security plan, under access controls.

12. MC 814458 - Procedures

No items of noncompliance were noted. Through interviews and review of records, it was determined that Nuclear Radiation Center had procedures regarding unauthorized intrusion, security violations, bomb threats and acts of civil disorder.

13. MC 81450B - Security Program Review

No items of noncompliance were noted. The licensee's records indicated that a review of their security program had been made May 2, 1980 and March 26, 1979.

14. MC 814558 - Protection Against Radiological Sabotage

No items of noncompliance were identified. Protection against sabotage is of concern to the licensee and is primarily effected by the security consciousness of the laboratory personnel and adherence to established procedures and policies. All means of access to the reactor core were controlled.

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