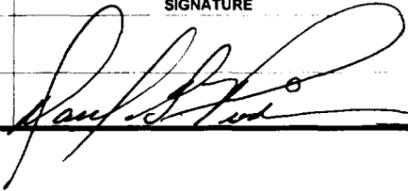
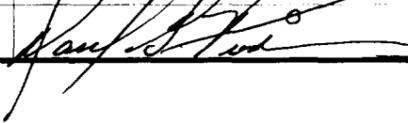


NRC FORM 591X PART 1 (11-2001) 10 CFR 2.201		U.S. NUCLEAR REGULATORY COMMISSION	
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION			
1. LICENSEE/CERTIFICATE HOLDER Michigan State University Office of Radiation, Chemical and Biological Safety Location Inspected: C-124 Engineering Research multiple locations East Lansing, MI 48824		2. REGIONAL OFFICE US NRC - Region III 2443 Warrenville Road Lisle, IL 60532	
REPORT NUMBER(S) 2007-001			
3. DOCKET NUMBER(S) 030-00806	4. LICENSE/CERTIFICATE NUMBER(S) 21-00021-29 (Broadscope)	5. DATE(S) OF INSPECTION February 26-28/2007	
Inspection Procedures Used: 87134	Inspection Focus Areas: 02.03 thru 02.11; 02.12e, 02.13 thru 02.14; 02.16 thru 02.19; and 02.21.		
LICENSEE/CERTIFICATE HOLDER: The inspection was an examination of the activities conducted under your license/certificate as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license/certificate. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:			
<input checked="" type="checkbox"/> 1. Based on the inspection findings, no violations were identified.			
<input checked="" type="checkbox"/> 2. Previous Violation(s) Closed			
<input type="checkbox"/> 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.			
non-cited violation(s) were discussed involving the following requirement(s): 			
<input type="checkbox"/> 4. During this inspection certain of your activities, as described in the attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.			
STATEMENT OF CORRECTIVE ACTIONS			
I hereby state that, within 30 days, the actions described by me to the inspector and as described in the attachment will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.			
TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE/ CERTIFICATE HOLDER	Kristin Erickson, RSO		2/28/2007
NRC INSPECTOR	Darrel G. Wiedeman		2/28/2007

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/CERTIFICATE HOLDER Michigan State University		2. REGIONAL OFFICE Region III, Lisle, IL 60532	
REPORT NUMBER(S) 2007-001			
3. DOCKET NUMBER(S) 030-00806	4. LICENSE/CERTIFICATE NUMBER(S) 21-00021-29 (Broadscope)	5. DATE(S) OF INSPECTION 2/26-28/2007	

Supplemental Inspection Information

Program Code(s): 02110	Priority: 2	Licensee Contact: Kristin Erickson, RSO	Telephone No. : 517-355-5008
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- Main Office Inspection Next Inspection Date: **02/2009**
- Field Office see this report for locations inspected
- Temporary Job Site Inspection

Program Scope

This licensee is a State of Michigan owned and operated university. Currently the licensee has a student population of 50,000 students at the East Lansing campus and 200 employees at their Grand Rapids, Mi, campus. This inspection consisted of an in-depth review of the licensee's research/development programs including a routine inspection of its broadscope program. During this inspection the licensee had 170 active permits that were previously approved by the Radiation Safety Committee and included 705 laboratories that were approved for use of radioactive materials. At this time the licensee has approximately 10,000 monitored and trained radiation workers. In conjunction of this routine inspection the inspector conducted an inspection of the Increased Controls (ICs) for license No. 21-00021-30.

During this inspection of the broad scope license the inspector interviewed researchers, physicists and laboratory technologists and observed licensed activities at the following university owned and operated facilities:

- Chemistry Building;
- PET Cyclotron facility;
- High Energy Cyclotron facility;
- Van Andel Research facility (Grand Rapids, MI);
- Self-Shielded irradiators located at the East Lansing and Grand Rapids campus.

According to the licensee staff that were interviewed, since the last NRC inspection there have been no fires, explosions, or fatalities involving radioactive materials, or over exposures to radiation. The inspector did not identify anything contrary to the above statements made by licensee staff.

The inspector reviewed the licensee's incident/event logs for the period CY 2006-2007. During this period, 2 events in 2006 were documented by the licensee and reviewed by the inspector. It was the view of the inspector that the licensee took appropriate corrective actions in response to these events. The inspector reviewed dosimetry records for 2006-2007 and concluded that no worker received a dose in excess to the limits specified in 10 CFR 20.

No violations of NRC requirements were identified.

