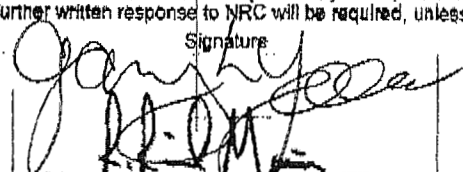



NRC FORM 591M PART 1 (4-2009) 10 CFR 2.201		U.S. NUCLEAR REGULATORY COMMISSION	
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION			
1. LICENSEE/LOCATION INSPECTED: South Dakota State University P.O. Box 2202 Brookings, South Dakota 57007-0896 Location: Shepherd Hall REPORT NO: 2010-001		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region IV, 612 East Lamar Blvd, Suite 400 Arlington, Texas 76011-4125	
3. DOCKET NUMBER 030-13079	4. LICENSE NUMBER 40-02194-17	5. DATE OF INSPECTION June 30 through July 07, 2010	
LICENSEE: The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. 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 type="checkbox"/> 1. Based on the inspection findings, no violations were identified.			
<input 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 to exercise discretion, were satisfied.			
<input type="checkbox"/> Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):			
<input checked="" type="checkbox"/> 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to pooling in accordance with 10 CFR 19.11.			
10 CFR §20.2003(a)(1) states in part, that before licensed material is released into sanitary sewerage for disposal, the licensee must meet the condition that the licensed material being disposed is readily soluble or is readily dispersible biological material in water, before it may be discharged into sanitary sewerage.			
Contrary to the above, the licensee was disposing of aqueous radioactive waste into the municipal sanitary sewer system and had failed to verify that the radioactive waste material being disposed met the condition of solubility or readily dispersible biological material in water, before discharging into the sanitary sewer.			
The licensee committed to ceasing any additional aqueous radioactive waste disposal into the municipal sanitary sewer until the condition of solubility or dispersible biological material in water was being met. The issue of disposing liquid effluents will be an agenda item for discussion on compliance verification for the next Radiation Safety Committee meeting.			
Licensee's Statement of Corrective Actions for Item 4, above.			
I hereby state that, within 30 days, the actions described by me to the inspector 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 LICENSEE'S REPRESENTATIVE	Printed Name Gary L. Yarrow, Ph.D.	Signature 	Date 7/7/2010
NRC INSPECTOR	R. Rick Muñoz		07/07/2010

TRANSMISSION VERIFICATION REPORT

TIME : 07/07/2010 09:04
NAME : USNRC RIV
FAX : 8178608263
TEL :
SER.# : BROL2J847623

DATE, TIME	07/07 09:03
FAX NO./NAME	716056884290
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UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

F A C S I M I L E

Name: Gary Yarrow, PhD
Licensee: South Dakota State University

License No.: 40-02194-17
Docket No.: 030-13079

Fax No.: 605 688- 4290
Phone No.: 605 688-4264
From: Rick Muñoz/Marti Poston
Date: 7/6/2010
Subject: NRC Form 591M Part1
Pages: 1 + transmittal sheet

Dr. Yarrow,

I am faxing you an NRC Form 591M inspection report that documents the inspection conducted at your facility in Brookings, SD. Please sign the document and return via facsimile as soon as possible. Please maintain the report for your records. If you have any questions about the inspection or the 591M please call me at 817 860 8220 or Ms. Poston at 817 860-8181. Thank you.

R. Rick Muñoz
Health Physicist Materials Inspector