

Docket File Information
**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**



1. LICENSEE Nuclear Measurements Corporation REPORT NUMBER(S) 2006-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-28752	4. LICENSE NUMBER(S) 13-03341-03	5. DATE(S) OF INSPECTION April 18-19 thru May 10, 2006	
6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS 03.01, 03.02, 03.03, 03.04, 03.05, 03.06, and 03.07		
SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM 03221	2. PRIORITY E 5	3. LICENSEE CONTACT Donald L. DeMoss., RSO	4. TELEPHONE NUMBER 317.546.2415
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: April 2011	
<input type="checkbox"/> Field Office		<hr/>	
<input type="checkbox"/> Temporary Job Site		<hr/>	

PROGRAM SCOPE

This private company employed 11 individuals at its Indianapolis facility. The licensee manufactured and distributed monitoring equipment (effluent monitors, criticality systems, continuous air monitors, etc.) to customers in the commercial nuclear power industry. The licensee used exempt quantities of various nuclides to test the monitoring equipment prior to sale to the client. The licensee distributed 4-8 instruments annually. Prior to June 2004, the licensee was authorized to distribute instrumentation containing exempt quantity sources of Ba-133 and Cs-137 under NRC License No. 13-03341-02E. However, the licensee allowed this license to expire and to date has not applied for a new license to resume these exempt distribution activities. According to the licensee's records, these exempt distribution activities were last conducted March 17, 2004 (prior to the expiration date of June 2004 for the E-distribution license).

This inspection consisted of a tour of the lab, the radioactive material and waste storage areas; review of selected records; interviews with licensee staff, and independent area surveys. The inspection also included a in office review of the licensee's inventory and source transfer records and discussions regarding the license termination process of the -02E licensee. Based on discussions with the RSO, the licensee did not anticipate the need for the exempt distribution license.