

NRR - Reactor Operating EventsReactor Operating Events  
Event Notification Report

\*\*\* Not For Public Distribution \*\*\*

Event Notification Report for August 28, 2007  
U.S. Nuclear Regulatory Commission - Operations Center  
Event Reports For 08/27/2007 - 08/28/2007  
(May include 2-day hold)

43601

Other Nuclear Material Event Number: 43601  
Rep Org: MICRON TECHNOLOGY INC.  
Licensee:  
Region: 4  
City: BOISE State: ID  
County: ADA  
License #:  
Agreement: N  
Docket:  
NRC Notified By: KEVIN LUNDHAGEN  
HQ OPS Officer: PETE SNYDER Notification Date: 08/27/2007  
Notification Time: 16:12 [ET]  
Event Date: 08/27/2007  
Event Time: [MDT]  
Last Update Date: 08/27/2007  
Emergency Class: NON EMERGENCY  
10 CFR Section:  
20.2201(a)(1)(ii) - LOST/STOLEN LNM>10X  
Person (Organization):  
REBECCA NEASE (R4 )  
EDWIN HACKETT (FSME )  
ILTAB (email) ( )

This material event contains a "Less than Cat 3" level of  
radioactive material.

Event Text

LOST STATIC ELIMINATORS

On 7/27/07 when completing an inventory, Micron Technology,  
discovered that nine (9) static eliminators were missing. The  
company did a thorough search of areas in and around where these  
instruments were expected to be installed and looked in their  
warehouse where removed equipment is typically taken when removed  
from use but the eliminators were not found. The company is  
continuing its search.

All of the eliminators had Po-210 sources with an activity of about 10 millicuries when purchased. One source was purchased in August of 2003. Four sources were purchased in June of 2005 and four sources were purchased in August of 2005.

The company plans on implementing a number of measures to ensure that eliminators are not lost in the future: 1. A cradle to grave tracking system will be implemented along with; 2. implementation of additional training and; 3. procedures for a more structured process from start to finish.

THIS MATERIAL EVENT CONTAINS A "LESS THAN CAT 3" LEVEL OF RADIOACTIVE MATERIAL

Sources that are "Less than IAEA Category 3 sources," are either sources that are very unlikely to cause permanent injury to individuals or contain a very small amount of radioactive material that would not cause any permanent injury. Some of these sources, such as moisture density gauges or thickness gauges that are Category 4, the amount of unshielded radioactive material, if not safely managed or securely protected, could possibly - although it is unlikely - temporarily injure someone who handled it or were otherwise in contact with it, or who were close to it for a period of many weeks.