

Event Reporting Handbook

EVENT REPORT COVER PAGE

AGREEMENT STATE

EVENT REPORT NO. LA - 03 - 97

DATE: May 29, 1997

TO:

Deputy Director
Office of State Programs

SUBJECT: LEAKING NI-63, GAS CHROMATOGRAPH
SOURCE, AT CHEMICAL WASTE
MANAGEMENT, INC., SULPHUR, LA

STATE: LOUISIANA

Signature and Title:

Kim Wiebeck

Louisiana Radiation Protection

Division

Dept. Of Environmental Quality

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9706050251 970529
PDR STPRG ESGLA
PDR

SP-E-9

EVENT REPORT

ABNORMAL OCCURRENCE YES NO FOLLOW-UP REPORT YES ORIGINAL ITEM NO. _____

03-97 5/22/97 5/27/97 Chemical Waste Management LA-4187-201 Sulphur LA
ITEM EVT DATE RPT DATE LICENSEE LIC. NO. CITY STATEISOTOPE Ni-63 ☐ AEA MATL ☐ ACCEL. ☐ MTRX

AMOUNT OF RADIOACTIVE MATERIAL

(If amount of material is below exempt quantity, there is no need to fill out this form.)

☐ <1 MILLCI ☒ 1 MILLCI - <100 MILLCI ☐ 1 CI - <10 CI
☐ UNKNOWN ☐ 100 MILLCI - <1 CI ☐ 10 CI - 100 CI
☐ >100 CI☐ EVENT INVOLVING EXPOSURE NUMBER EXPOSED _____

TYPE OF INDIV.

☐ EMPLOYEE
☐ MINOR EMPLOYEE
☐ EMBRYO/FETUS
☐ PUBLIC

EVENT LOCATION

☐ RESTRICTED AREA
☐ UNRESTRICTED AREA
☐ CONTROLLED AREA

DOSE TO:

☐ WHOLE BODY
☐ LENS OF EYE
☐ EXTREMITY
☐ SKIN
☐ ORGAN

MAXIMUM DOSE

RAD REM _____

SOURCE OF RADIATION

☒ EXTERNAL
☐ INTERNAL
☐ BOTH☒ LEAKING SOURCE ☐ IRRETRIEVABLE WELL LOGGING SOURCE☐ LOST OR STOLEN MATERIALS☐ RELEASE OF MATERIALS

EVENT EVENT LOCATION

☐ LOST
☐ FOUND
☐ THEFT
☐ THEFT, WITH FORCE
☒ FIXED SITE
☐ TEMP. JOB SITE
☐ LIC. VEHICLE
☐ COMM. CARRIER
☐ OTHER

PROBABLE DISPOSITION

☐ RECOVERED
☐ COMM. WASTE
☐ INCIN.
☐ SCRAP METAL
☐ UNKNOWN
☒ OTHER

FORM

☒ SOLID
☐ LIQUID
☐ GAS

EVENT

☐ SPILL
☐ TRANSPORT
☐ OTHER

LOCATION

☐ RESTRICTED AREA
☐ UNRESTRICTED AREA
☐ CONTROLLED AREAReturned to manufacturer☐ EVENTS INVOLVING FACILITIES☐ FIRE
☐ DAMAGE TO DEVICE
☐ EXPLOSION
☐ SPILL☐ > 24 HR. DENIAL OF ACCESS
☐ DAMAGE TO SAFETY EQUIPMENT
☐ OTHER☐ EVENTS INVOLVING GAUGES☐ RADIOGRAPHY

TYPE

☐ GL
☐ EXEMPT
☐ SPEC. LIC.
☐ FIXED
☐ PORTABLE
☐ SHUTTER
☐ MOIS/DEN GAU
☐ DAMAGE
☐ OTHER
☐ LOST/STOLEN

LOCATION

☐ FIXED
☐ TEMP.
☐ JOB SITE

EVENT

☐ SOURCE DISCONNECT
☐ SOURCE NOT RETURNED TO FULLY SHIELDED POS.
☐ CABLE FAILURE
☐ EQUIP FAILURE
☐ FAILURE TO FOLLOW PROCEDURES☐ IRRADIATOR☐ TELETHERAPY

MANUFACTURER _____ MODEL _____ SER. NO. _____

ABSTRACT (MAY BE CONTINUED ON OTHER SIDE OF PAGE)

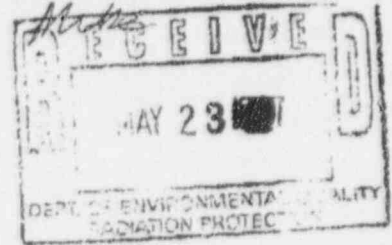
Ni-63 GC Detector
Source leak tested on 5/14/97 Prior to shipment to Hewlett-Packard
for cleaning/exchange. Received notification of leaking source on 5/21/97
after source had been shipped to Hewlett-Packard
Hewlett-Packard notified. They will leak test GC Detector/Source
upon receipt and notify Licensee. Licensee will notify the
Division of results of Hewlett-Packard Leak Test.

See Attached Report

**Chemical Waste Management, Inc.**

7170 John Brannon Road
Sulphur, Louisiana 70663
318/583-2189

May 22, 1997



CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 104 308 812

Mr. William H. Spell, Administrator
Radiation Protection Division
La DEQ
P.O. Box 82135
Baton Rouge, LA 70884-2135

RE: REPORT OF A LEAKING SEALED SOURCE
RML #LA-4187-L01

Dear Mr. Spell:

Pursuant of LAC 33:XV.492, Chemical Waste Management, Inc., Lake Charles Facility, hereby submits this notification of a leaking sealed source.

On May 14, 1997, wipe tests were performed on all sources in the CWM Lab and the kits were sent to Monitoring Services of Houston, Texas for analysis. On May 21, 1997, CWM was notified that one of the sealed sources, serial number F1883, indicated a removable activity of 0.0156 uCi, which exceeds the regulatory level of 0.005 uCi.

Earlier in the morning of May 21, 1997, the sealed source, F1883, had been packaged for shipment to Hewlett-Packard for routine cleaning and/or exchange. The package was in transit when the call, notifying CWM of the potential leaking source, was received.

CWM immediately contacted Hewlett-Packard to alert them of the potential for receiving a "leaking source". In speaking with Patty Hobson and Alan Kamyab (RSO) with Hewlett-Packard, they stated that they would wipe test the sealed source upon receipt and inform us of any removable activity. The sealed sources were originally packaged in such a manner that if it were known to have been leaking at the time of shipment, no additional precautions would have been warranted. Also, Hewlett-Packard would have been the intended recipient of any sources found to have been leaking, i.e., removable activity in excess of 0.005 uCi.

On May 22, 1997, Mike Henry with the LaDEQ Radiation Protection Division was contacted concerning the situation. He requested that a wipe test be performed on the area where the sealed source was kept to verify that no contamination had occurred. He also requested that a copy of this notification be faxed to his attention.

If you have any questions regarding this matter, please contact Gretchel Grout, RSO, at (318)-583-3630.

Sincerely,

Gretchel Grout
Lab Manager, CWM

rad/ecdf1883