

General

99990001

RI - DNMS Licensee Event Report Disposition

Licensee: S. J. Kelly

Event Description: High Peak Rate

License No: 27-111703 Docket No: 09-0004 MLER-RI: 2007-028

Event Date: 09/26/07 Report Date: 10/15/07 HQ Ops Event #:

1. REPORTING REQUIREMENT

<input checked="" type="checkbox"/>	10 CFR 20.1906 Package Contamination	<input type="checkbox"/>	10 CFR 30.50 Report
<input type="checkbox"/>	10 CFR 20.2201 Theft or Loss	<input type="checkbox"/>	10 CFR 35.3045 Medical Event
<input type="checkbox"/>	10 CFR 20.2203 30 Day Report	<input type="checkbox"/>	License Condition
<input checked="" type="checkbox"/>	Other <u>10 CFR 31.5(c)(5)</u>		

2. REGION I RESPONSE

<input type="checkbox"/>	Immediate Site Inspection	Inspector/Date	<input type="text"/>
<input type="checkbox"/>	Special Inspection	Inspector/Date	<input type="text"/>
<input type="checkbox"/>	Telephone Inquiry	Inspector/Date	<input type="text"/>
<input type="checkbox"/>	Preliminary Notification/Report	<input type="checkbox"/>	Daily Report
<input checked="" type="checkbox"/>	Information Entered in RI Log	<input type="checkbox"/>	Review at Next Inspection
<input checked="" type="checkbox"/>	Report Referred To:	<u>Director NMSS Attn: GLTS, US NRC Washington DC 20555</u>	

3. REPORT EVALUATION

<input checked="" type="checkbox"/>	Description of Event	<input checked="" type="checkbox"/>	Corrective Actions
<input checked="" type="checkbox"/>	Levels of RAM Involved	<input checked="" type="checkbox"/>	Calculations Adequate
<input checked="" type="checkbox"/>	Cause of Event	<input type="checkbox"/>	Additional Information Requested from Licensee

4. MANAGEMENT DIRECTIVE 8.3 EVALUATION N/A

<input type="checkbox"/>	Release w/Exposure > Limits	<input type="checkbox"/>	Deliberate Misuse w/Exposure > Limits
<input type="checkbox"/>	Repeated Inadequate Control	<input type="checkbox"/>	Pkgng Failure > 10 rads/hr or Contamination > 1000x Limits
<input type="checkbox"/>	Exposure 5x Limits	<input type="checkbox"/>	Large# Indivs w/Exp > Limits or Medical Deterministic Effects
<input type="checkbox"/>	Potential Fatality	<input type="checkbox"/>	Unique Circumstances or Safeguards Concerns
If any of the above are involved:			
<input type="checkbox"/>	Considered Need for IIT	<input type="checkbox"/>	Considered Need for AIT
Decision/Made By/Date: _____			

5. MANAGEMENT DIRECTIVE 8.10 EVALUATION (additional evaluation for medical events only) N/A

<input type="checkbox"/>	Timeliness - Inspection Meets Requirements (5 days for overdose / 10 days for underdose)
<input type="checkbox"/>	Medical Consultant Used-Name of Consultant/Date of Report: _____
<input type="checkbox"/>	Medical Consultant Determined Event Directly Contributed to Fatality
<input type="checkbox"/>	Device Failure with Possible Adverse Generic Implications
<input type="checkbox"/>	HQ or Contractor Support Required to Evaluate Consequences

6. SPECIAL INSTRUCTIONS OR COMMENTS

Generally Licensed Device See #2 NRC License terminated 1/17/07

Non-Public Inspector Signature: Steven R. Costantino Date: 11/5/2007

Public-SUNSI REVIEW COMPLETE Branch Chief Initials: [Signature] Date: 11/6/7



595 North Harrison Road
Bellefonte, PA 16823-0048 USA
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email: supelco@sial.com
sigma-aldrich.com/supelco

October, 15 2007

Nuclear Regulatory Commission
Region #1
475 Allendale Road
King of Prussia, Pa. 19406-1415

2007 OCT 18 PM 12: 11
RECEIVED
REGION 1

SUBJECT: Notification of transfer of Radioisotope:

Dear Mr. Steven Quartermarshell:

This letter and attached documentation is notification of transfer of Radioisotope (Nickel 63, amount = 15mCi) Electron Capture Detector, serial number F5601 to the following location for disposal because of a high leak rate on the most recent wipe test dated 9/26/07.

Agilent Technonogies Inc.
Attention: ECD Lab
2850 Centerville Road
Wilimington, DE 19808-1610

This disposal is being performed by Agilent Technologies Inc. in Wilimington Delaware, Little Falls Site under NRC Materials License # 07-28762-01.

Please contact me at (814) 359-5742 if you have any questions or require more information regarding this transfer.

Sincerely,
Wayne R. Fishburn
Radiation Safety Officer
Supelco Inc.

Wayne R. Fishburn

Applied Health Physics, Inc.

2986 Industrial Blvd., Bethel Park, Pa 15102 Phone: (412) 835-9555 Fax: (412) 835-9559
E-Mail address: ahp.inc@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

Mark V Leak Test Certificate

This certificate shall not be reproduced except in full, without the written approval of Applied Health Physics, Inc.

Device Information

Device Serial Number:	F5601	Source Serial Number:	F-5601
Device Manufacturer:	HP	Source Manufacturer:	HP
Device Model:	5890/6890	Source Model:	5890/6890
Device Type:	Gas Chromatograph	Make:	Location: Supelco Lab
Radioisotope:	Ni 63	Activity:	15 mCi

Leak Test Information

Leak Test Performed by:	Wayne Fishburn	Leak Test Performed on:	9/24/2007
Leak Test Specimen Number:	A-027903	Leak Test Analysis Date:	9/26/2007
Leak Test Analysis Performed by:	K. Mobley		
Leak Test Results Indicate an Activity of:	> 0.005 uCi	Actual Activity (uCi):	0.006 uCi

Notification

The analysis of this leak test sample was provided by Applied Health Physics, Inc. U.S. Nuclear Regulatory Commission License Number 37-09135 and State License Number PA-0228. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, Inc. will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, Inc. is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

Client Information

Supelco, Inc.	Contact:	Wayne Fishburn
595 Harrison Road	Phone:	(814) 359-5742
	Contact:	fax
	Phone:	(814) 359-5459
Bellefonte	PA	16823

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due 3/24/2008