



Risk Code: SP04 3/21/00 A/S EVENT DIST. cc: Phartin Jmyne ASPO TNEE: [unclear]



# State of Louisiana

## Department of Environmental Quality

M.J. "MIKE" FOSTER, JR.  
GOVERNOR

J. DALE GIVENS  
SECRETARY

### FAX COVER SHEET

DATE FAXED: 3/21/00

TO: Pat Larkin  
(Person-Company-Department)

Telephone #: \_\_\_\_\_ FAX #: 701-415-3502

FROM: Scott Blackwell

Louisiana Radiation Surveillance Section  
Department of Environmental Quality  
P. O. Box 82135  
Baton Rouge, LA 70884-2135

OR

Radiation Surveillance Section  
5222 Summa Court  
Baton Rouge, LA 70809

Phone # (225) 765-2552

Fax # (225) 765-0866

Hot Line # (800) 256-2494

FAX INCLUDES THIS COVER SHEET AND THE FOLLOWING \_\_\_\_\_ PAGES.

SPECIAL INSTRUCTIONS (if any):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Operator: Scott Blackwell



OFFICE OF ENVIRONMENTAL COMPLIANCE • P.O. BOX 82215 • BATON ROUGE, LOUISIANA 70884 2215

AN EQUAL OPPORTUNITY EMPLOYER

SP 1-1  
[unclear]

EVENT REPORT

ABNORMAL OCCURRENCE YES ~~NO~~ FOLLOW-UP REPORT YES ~~NO~~ ORIGINAL ITEM NO. 11-99

ITEM 11-99 (2131) 59 EVT DATE 3/12/00 RPT DATE XRI LICENSEE \_\_\_\_\_ LIC. NO. LA-2918-601 CITY Lafayette STATE LA.

ISOTOPE \_\_\_\_\_  AEA MATL  ACCEL.  NORM

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

- <1 MILLICI  1 MILLICI - <100 MILLICI  1 CI - < 10 CI
- UNKNOWN  100 MILLICI - < 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 5.233 ~~REM~~ RAD +5.156 RAD

SOURCE OF RADIATION  
 EXTERNAL  
 INTERNAL  
 BOTH

- LEAKING SOURCE  IRRETRIEVABLE WELL LOGGING SOURCE
- LOST OR STOLEN MATERIALS  RELEASE OF MATERIALS

EVENT	EVENT LOCATION	PROBABLE DISPOSITION	FORM	EVENT
<input type="checkbox"/> LOST	<input type="checkbox"/> FIXED SITE	<input type="checkbox"/> RECOVERED	<input type="checkbox"/> SOLID	<input type="checkbox"/> SPILL
<input type="checkbox"/> FOUND	<input type="checkbox"/> TEMP. JOB SITE	<input type="checkbox"/> COMM. WASTE	<input type="checkbox"/> LIQUID	<input type="checkbox"/> TRANSPORT.
<input type="checkbox"/> THEFT	<input type="checkbox"/> LIC. VEHICLE	<input type="checkbox"/> INCIN.	<input type="checkbox"/> GAS	<input type="checkbox"/> OTHER _____
<input type="checkbox"/> THEFT, WITH FORCE	<input type="checkbox"/> COMM. CARRIER	<input type="checkbox"/> SCRAP METAL		
	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> UNKNOWN		
		<input type="checkbox"/> OTHER _____		
			LOCATION	
			<input type="checkbox"/> RESTRICTED AREA	
			<input type="checkbox"/> UNRESTRICTED AREA	
			<input type="checkbox"/> CONTROLLED AREA	

- EVENTS INVOLVING FACILITIES
- FIRE  EXPLOSION  > 24 HR. DENIAL OF ACCESS
- DAMAGE TO DEVICE  SPILL  DAMAGE TO SAFETY EQUIPMENT
- OTHER \_\_\_\_\_

EVENTS INVOLVING GAUGES  RADIOGRAPHY

TYPE	EVENT	LOCATION	EVENT
<input type="checkbox"/> GL	<input type="checkbox"/> SHUTTER	<input type="checkbox"/> FIXED	<input type="checkbox"/> SOURCE DISCONNECT
<input type="checkbox"/> EXEMPT	<input type="checkbox"/> MOIS/DEN GAU	<input type="checkbox"/> TEMP. JOB SITE	<input type="checkbox"/> SOURCE NOT RETURNED TO FULLY SHIELDED POS.
<input type="checkbox"/> SPEC. LIC.	<input type="checkbox"/> DAMAGE		<input type="checkbox"/> CABLE FAILURE
<input type="checkbox"/> FIXED	<input type="checkbox"/> OTHER _____		<input type="checkbox"/> EQUIP FAILURE
<input type="checkbox"/> PORTABLE	<input type="checkbox"/> LOST/STOLEN		<input type="checkbox"/> FAILURE TO FOLLOW PROCEDURES

IRRADIATOR  TELETHERAPY  
MANUFACTURER \_\_\_\_\_ MODEL \_\_\_\_\_ SER. NO. \_\_\_\_\_

ABSTRACT (MAY BE CONTINUED ON OTHER SIDE OF PAGE)

XRI reported that Daniel Thompson's TLD report for 1999 was 5233 mrem for 1999. They also reported that Troy Leger's TLD report for 1999 was 5156 mrem for 1999. Neil J. Marks (RSO) reviewed the daily dosimeter records of the individuals and the readings did not match up with the last quarter of 1999 readings. ~~The incident~~ The incident is currently under investigation.

3/17/00



A Team Industrial Services Company

March 13, 2000

State of Louisiana  
Department of Environmental Quality  
P.O. Box 82135  
Baton Rouge, LA 70884-2135

Attention: Diane Ausbrooks

RE: 1999 Annual Dose Exceeded (LA-2918 L01)

Dear Ms: Ausbrooks

Please accept this letter as an official notification of the above referenced issue. On March 10<sup>th</sup>, I phoned in the results of Mr. Daniel Thompson's TLD report for 1999 to Mr. Albert Lagrue and Mr. Russell Clark. Mr. Thompson received 2139mr in the last quarter of 1999, which put his personal exposure to 5233mr for the year. Also Mr. Troy Leger received 932mr for the last quarter which put his personal exposure to 5156mr for 1999. Our dosimetry processor, Eberline, has been extremely slow giving us badge results. We did not get Mr. Thompson's result till late February and Mr. Leger's came in this week. Eberline did not call in Mr. Leger's badge results as previously instructed 2 years ago. We still haven't received the annual report totals for 1999. I have since spoken to Eberline and again explained the importance of being prompt with results throughout the year. We shall also have to improve on shipping. We were using the USM service for shipment of badges, however it takes to long and it is difficult to track delayed mail with that process. Effective immediately, XRI shall ship all TLD via FED EX or equivalent so it can arrive quicker and we can track shipping dates as well as arrival dates. Should our processor fail to respond in a timely manner we shall seek another processor.

During our investigation, we reviewed the daily dosimeter records of the individuals to see how they compared to the badge results. Mr. Thompson's quarterly dosimeter records indicate that he received 617mr and his badges recorded 2139mr. Mr. Leger's quarterly dosimeter records indicate that he received 860mr and his badges recorded 932mr with 515mr from the last month. His daily dosimeter records for December indicated 45mr Vs 515mr from his badge. We had removed him in the last month from almost all operations in radiography because he was nearing his annual limit.

Should you have any questions or concerns, please feel free to contact me @ 337-233-7676.

Sincerely,

Neil J. Marks  
Radiation Safety Officer

cc:Russell Clark, Daniel Thompson, Troy Leger