

John Steyer
Yeri

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

WATER QUALITY & HYDROLOGY GROUP, ESH-18
FAX TRANSMITTAL COVER SHEET

FAX #: (505) 665-9344

VERIFICATION #: (505) 665-0453

DATE: 3-31-97

LOG NO: WO&H-FAX-97:

FROM: Harvey Decker

PHONE #: (505) 665-2014

TO: Benito Garcia FAX #: 827-1544 PHONE #: (505) 827-1557

ORG: NMED/HRMB

TO: Marcy Leavitt FAX #: 827-2965 PHONE #: (505) 827-2918

ORG: NMED/GWB

TO: _____ FAX #: _____ PHONE #: () _____

ORG: _____

MESSAGE: 7 day release notification form 15 day Corrective Action for TA-21-150
chiller water release.

NUMBER OF PAGES INCLUDING COVER: 3

CY: WQ&H FAX FILE

[Signature]
TEAM LEADER OR GROUP LEADER

HSWA, LANL 701/60-1106/TA 01

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Los Alamos National Laboratory
NPDES Permit No. NM0028355
Corrective Action Form

Responsible Facility/User Group: CST-25 Contact Person: Sara Helmick
Phone#: 667-9583 Pager#: NA
Discharge Location: TA-21-150
Discharge Occurred: 3/13/97 3:30 p.m.
Discharge Discovered: 3/13/97 3:30 p.m.
Discharge Stopped: Discharge stopped at 4:40 p.m. Method: Turned off water supply to leaking chiller
Corrective Actions: The chiller was taken out of service and the water was turned off to this equipment.
Nearest water course and/or canyon affected: None

Source and cause of discharge: A condensate return line developed a leak on a chiller located outside of building 150 at TA-21. Staff on site noticed the water flowing into the parking lot. The water supply to the chiller was turned off immediately.

Material spilled: Potable Water

Estimated amount: 500 gallons

*24 Hr. Notification:

EPA: <u>E. Spencer</u>	NMED: <u>B. Hoditschek/N. Wells</u>	NMED: <u>J. Rogers</u>
TIME: <u>4:00 p.m.</u>	TIME: <u>2:30 p.m.</u>	TIME: <u>2:35 p.m.</u>
DATE: <u>3/14/97</u>	DATE: <u>3/14/97</u>	DATE: <u>3/14/97</u>

EM&R: <u>B. Purtyman</u>	DOE: <u>B. Koch</u>
TIME: <u>2:30 p.m.</u>	TIME: <u>8:15 a.m.</u>
DATE: <u>3/14/97</u>	DATE: <u>3/14/97</u>

Cleanup Started: No
Cleanup Finished: No, this is an on-going ER site

Weather conditions: Warm, clear

Written Follow-up with 7 days: Date: 3/17/97
Corrective action report within 15 days: Date: 3/31/97
NMED/EPA Approval on file: Date: Pending

Comments: A visual inspection was performed by H. Decker of ESH-18 on 3-14-97 at 1:45 p.m. The discharge flowed across the asphalt parking lot and on to MDA-T approximately 20 yards. The water infiltrated the soil before any samples were obtained. This discharge did not flow off the MDA or into a stream course. From best available information Ground-Water may exist at a depth of approximately 150 to 200 feet as evidenced by DP spring located downstream from TA-21. The nearest drinking water well (OW-4) is located approximately .75 miles from this location in Los Alamos Canyon.

Corrective Actions: In a conversation with CST-25 staff on March 21, 1997, it was learned that TA-21-150 is scheduled for demolition beginning in September of 1997. As of this time staff are being moved and operations at the building are being slowly phased out. Due to these activities the chiller will not be repaired or re-started and is currently isolated, the back up chiller will be used until demolition activities begin.

Corrective Action Form completed by: H. Decker, ESH-18

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