

The following original(s) photographed on this microfiche was not completely legible therefore the Micro Image are Non-Readable.

Permit



Department of Energy
Albuquerque Operations
Los Alamos Area Office
Los Alamos, New Mexico 87544

*Approved
12-21-90
[Signature]*

12/20/90
DEC 20 1990

~~EX-103~~ 1033710

P347 152802

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Jim Piatt, Acting Chief
Surface Water Quality Bureau
N. M. Environmental Improvement Division
1190 St. Francis Dr.
Harold Runnels Building
Santa Fe, NM 87504

RECEIVED

1990

SURFACE WATER
QUALITY BUREAU

Dear Mr. Piatt:

Enclosed are two notifications concerning recent discharges at Los Alamos National Laboratory (LANL) which have been verbally reported to the New Mexico Environmental Improvement Division (EID) and U. S. Environmental Protection Agency (EPA). The first notification concerns the overflow of less than 100 gallons of sanitary wastewater from a holding tank at TA-54, Area L, which occurred on December 8, 1990. The second notification concerns the release of three to four gallons of oil from an air compressor at TA-16, Building 340, which was discovered on December 12, 1990.

We are providing the enclosed written notifications at the request of Mr. Mike Saladen of your staff and to document that the U. S. Department of Energy (DOE) and LANL are making every effort to mitigate and to prevent recurrences of these discharges. We believe that the release of less than 100 gallons of sanitary wastewater at TA-54, Area L, onto the asphalt drive was not injurious or detrimental to human health, animal or plant life, property, or public welfare and that reporting does not seem appropriate under Section 1-203 of the New Mexico Water Quality Control Commission Regulations. However, we are reporting the release of three to four gallons of oil from TA-16, Building 340, under Section 1-203 since this oil could have been detrimental to animal life if an animal drank directly from a pool affected by the oil prior to cleanup.

Please call me at 665-5027 or Steven Rae of LANL's Environmental Protection Group at 665-1859 if you need any additional information concerning the enclosed notifications.

Sincerely,

Paul B. Schumann

Paul B. Schumann, Chief
Environment, Safety and Health Branch

LESH:ISF-021

Enclosure



15107

The following original(s) photo, (s) included on this microfilm was not completely legible, therefore the Micro Image are Non-Readable

Notification of Non-Compliance

Los Alamos National Laboratory
NPDES Permit No. NM0028355
December 18, 1990

1. Location of Discharge

Los Alamos National Laboratory
Technical Area (TA)-16, Building 340
NPDES Outfall No. 05A-054
Valle Canyon

2. Nature of Non-Compliance

Three to four gallons of oil (automatic transmission fluid) was lost from an air compressor located in Building 340 and flowed down a floor drain which is connected into Outfall 054. This loss occurred sometime during the night of December 11-12, 1990, and was due to failure of an oil-water separator unit on the air compressor. The discharge was discovered by the user group at about 8:30 am.

3. Amount of Discharge

The amount of oil missing from the air compressor was three to four gallons. Some of this oil was recovered from the trap in the floor drain and the remaining oil flowed into the environment through Outfall 054.

4. Non-Compliance Notification

The release of oil through Outfall 054 was reported to the Environmental Protection Group (HSE-8) shortly after discovery at 8:30 am December 12, 1990. After investigation of the release at the site, HSE-8 notified Mr. Mike Saladen of the New Mexico Environmental Improvement Division (EID) at 10:15 am. HSE-8 also called Mr. Bob Hiller of the U.S. Environmental Protection Agency (EPA) at 10:30 am and left a message concerning the release. A follow-up call was made to Mr. Hiller at 8:10 am on December 13, 1990.

5. Affected Area

Traces of oil were observed by HSE-8 personnel on December 12, 1990, for a distance of approximately 250 yards in the watercourse below Outfall 054. The flow in this watercourse was limited to the flow originating from Outfall 054 which was estimated to be 10 to 20 gallons per minute. No oil entered any permanent stream or left Laboratory property.

The following original(s) photographed
on this microfilm was not completely
legible, therefore the Micro Image are
Non-Readable.

6. Mitigation of Affected Area

The World Services Spill Response Team was at the site of the release at about 10:30 am on December 12, 1990. The Spill Response Team assessed the spill and installed absorbent booms and pillows for the full length of the affected area during the morning and afternoon of December 12th. The spill Response Team also collected oily leaves and vegetation by hand, and cleaned-up several oily pools found standing in the watercourse.

7. Corrective Actions

Secondary containment is being planned for the air compressor at Building 340 to prevent a recurrence of this release. Cooling water is also discharged into the floor drain which flows to Outfall 054. Removal of the cooling water from Outfall 054 is being planned in order to properly characterize the waste streams at Building 340. HSE-8 has initiated a Laboratory-wide waste stream characterization program to insure that all waste streams are properly identified and monitored at each outfall. This program is currently being conducted at TA-16.

8. Names and Addresses of Persons in Charge

Jerry L. Bellows (Owner and Co-operator)
Acting Area Manager
U.S. Department of Energy
Los Alamos Area Office
Los Alamos, N.M. 87544

Allen J. Tiedman (Co-operator)
Associate Director for Operations
University of California
Los Alamos National Laboratory
Los Alamos, N.M. 87545