ENTERED 107465

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02-0026

H-Division Progress Report, Oct 20 Nov 20, 1954. Given document specific number of 02-026, or master ref [illegible] 6758

H-DIVISION PROGRESS REPORT

October 20 - November 20, 1954

REF: [illegible]

Best Available Copy

I. ADMINISTRATION (T. L. Chapman, M. D., Leader):

A. General Remarks

None.

B. Personnel (11/1/54 - 12/1/54)

1. New Hires

11/26 [redacted] Leona M. H-1 Tech Area Monitoring

2. Terminations

None.

3. Total Personnel

SM	47
Military	4
RA	10
SCP	80
Military	1
ASC	30
TOTAL	172*

*Includes 2 casuals and 1 on leave of absence.

Classification changed to [illegible] by authority of the U.S. [illegible]

Per [illegible]

By [illegible] (Signature of person making the change, and date)

II. GROUP H-1, MONITORING (Dean D. [redacted] Leader)

A. General Remarks

1. James [redacted] returned from monitoring duties at Inyokern on October 26.

2. James [redacted] started working with the Tech Area (CMR-Bldg.) Monitoring Section on November 8. On this same date Carl Enloe was assigned to the General Monitoring Section on a temporary basis.

[redacted]

54

[redacted]

B. Incidents

1. At 3:15 p.m. on October 21, Ted Trujillo [redacted] dome

[redacted]

32275

[illegible] incident.

[illegible] Activities

1. On October 25 the first of a series of monthly contamination [illegible] was made of the isotope buildings at [illegible] Site. Positive findings up to [illegible] with the majority of the activity being loose, were detected. Cleanup and preventative measures were recommended.

2. On November 3 a 17-curie Co^{60} source belonging to Group [illegible] was used for one morning in the basement of B-Building. The maximum [illegible] operators was 65 mr. A problem of shielding to the upper floors without interfering with the experiment was encountered. If the experiment is continued, it will probably be moved to Anchor Bunker.

3. The decontamination of the Area 6 TA-33 gun barrel was monitored. Only the loose material was removed, leaving impregnated spots as high as 1 million c/m. The barrel was stored for decay. Contaminated surface dirt was bulldozed from the shot area into the adjacent canyon.

4. An investigation of proposed radiochemical processing by Group [illegible] of samples irradiated by the cyclotron was conducted. This included a study of the exhaust filters, exhaust system, acid drains, shielding, hood flow rate and contamination control. Considerable revamping and processing procedures were recommended.

Classification changed to [illegible]
by authority of the U.S. [illegible]

5. An accelerator status report was prepared containing the summary study of H-1's effectiveness and possible improvement of the radiation protection program at accelerator sites.

(Person authorizing change in classification)
By [illegible]
(Signature of person making the change [illegible])

6. Decontamination of Room 5222 at DP East is to be completed this week. All actinium contaminated equipment has been removed to the contaminated dump. Contamination level in Room 5222 after removing paint and scrubbing is generally low with a few exceptions of spots ranging from 10,000 c/m to 200,000 c/m. The room is at the present being painted with very good results in covering contamination. This operation has been carried out without an