Blackwell 1959
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(4)

S. E. Reese

June 2, 1959

Charles B. Blackwell, Alt. Leader General Monitoring Section, H-1

RADIATION HEALTH CLEARANCE OF SURPLUS LABORATORY STRUCTURES

H-1

The following structures have either been recently monitored or a check made into their past history and found to be free of significant* radioactive contamination. They present no hazard to health from a radiological standpoint; therefore, they may be removed, sold or destroyed. However, as a further safety precaution, it is felt that these structures should also be cleared by H-5 for toxicity and H-3 for explosive hazards.

| Structure Number | Description |
|---|---|
| TA-5-2 | Magazine |
| 3 | Magazine |
| 5 | Shop and dark room |
| 7 | Steel barricade |
| 9 | X-unit chamber |
| 15 | Steel barricade |
| TA-6-10 | Laboratory |
| 13 | Storage building |
| 14 | Storage building |
| 15 | Boiler house |
| 16 | Magazine |
| 17 | Magazine |
| 21 | Magazine |
| 22 | Magazine |
| 23 | Magazine |
| 24 | Magazine |
| 25 | Magazine |
| 26 | Magazine |
| 27 | Magazine |
| 28 | Magazine |
| 29 | Magazine |
| 30 | Magazine |
| 36 | Magazine |
| 38 | Generator building |
| 47 | Storage tank (fuel oil) |
| TA-9-2 | Boiler room and dark room |
| 3 | Mixer and hydraulic press building (except northwest room) |
| 4 | Firing chamber |
| 5 | Firing chamber |
| 6 | Magazine |
| 7 | Storage building |
| 8 | Storage building |

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| Structure Number | Description |
|---|---|
| TA-9-10 | Trim building |
| 11 | Magazine |
| 12 | Personnel shelter |
| 13 | Press building |
| 14 | Laboratory |
| 15 | Recovery pit |
| 16 | Pump house |
| 17 | Covered walk |
| 18 | Magazine |
| 36 | Control building |
| 37 | Barricade |
| 38 | X-unit chamber |
| 39 | Road block |
| 61 | Road block |
| 86 | Manhole (control) |
| 87 | Manhole (control) |
| 88 | Manhole (control) |
| 89 | Manhole (control) |
| 90 | Manhole (control) |
| 91 | Manhole (control) |
| 92 | Manhole (control) |
| 93 | Manhole (control) |
| 94 | Manhole (control) |
| 95 | Manhole (control) |
| 96 | Manhole (control) |
| 97 | Manhole (control) |
| 98 | Manhole (control) |
| 99 | Manhole (control) |
| 100 | Manhole (control) |
| 101 | Manhole (control) |
| 102 | Manhole (control) |
| 174 | Barricade (earth) |
| 175 | Manhole |
| TA-11-7 | Magazine |
| 8 | Magazine |
| 9 | Storage building |
| 10 | Magazine |
| TA-12-1 | Trim building |
| 2 | Control building |
| 3 | Magazine |
| 4 | Firing pit |
| 5 | Generator building |
| 6 | Junction shelter |
| 7 | Road block |
| 8 | Radiation test structure |

| Structure Number | Description |
|---|---|
| TA-14-1 | Magazine |
| 5 | Control building |
| 13 | Magazine |
| 14 | Equipment box |
| 15 | Equipment box |
| TA-1-90 | Guard tower-near Sigma vault |
| TA-15-19 | Guard tower-near Building R-20 |
| TA-21-36 | Guard tower-near DP-21 vault |
| 37 | Guard tower-near DP-21 vault |
| 41 | Guard tower-edge of canyon, DP West |
| 158 | Guard tower-located in DP East |
| TA-0-74 | Guard tower-south of TA-1, overlooking Omega road |
| 75 | Guard tower-south of TA-1, overlooking Omega road |

The following buildings have been found to contain radioactive contamination requiring all or parts of the structures to be removed to the contaminated dump if moved from their present location.

| Structure Number | Description |
|---|---|
| TA-9-1 | Concrete firing rooms on south and west side contain uranium in walls, ceilings, and floors. The remainder of this structure may be released. |
| TA-9-3 | The northwest room is being used to store radioactive materials by GMX-2. |
| TA-10-4 | Floors and shelves are contaminated with $Sr^{90}$. |
| TA-10-2 | Has been relocated at Baye and used to house a source storage pig. |
| TA-10-6 | Located over the drainage pits from Building 21 which contains $Sr^{90}$. This gives such a large background count the building cannot be properly monitored, but would suspect it to be contaminated. |
| TA-10-31 | This structure is contaminated with $Sr^{90}$ and will pose a problem for removal to contaminated dump because of the size and nature of construction. |

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| Structure Number | Description |
| --- | --- |
| TA-12-7 | This structure is not numbered, but is near TA-12-8 and consists of a telephone pole, plastic tube and lead pig, all of which contain $Sr^{90}$. |

The structure Number TA-9-62 listed in your memo as a barricade and on some old drawings as a basket washing facility, could not be located.

The word "significant" as used in this memo means that no reading was found on items monitored that exceeded the normal background of the monitoring instruments.

Original Signed by
CHARLES D. BLACKWELL

Charles D. Blackwell

cc: Dean Meyer, E-1
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