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Achieve File ID: 181-60A 269 Box 11

Title: Radiation monitoring of Bldg 351A; report of

Serial No: 3-730-82

Pages: 1

Notes: NRDL  
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\_\_\_\_\_  
\_\_\_\_\_

3-730-82

RAS:ams

5 MAY 1955

3-100 *(6)* \_\_\_\_\_  
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From: Director, U.S. Naval Radiological Defense Laboratory  
To: Commander, San Francisco Naval Shipyard

3-120 \_\_\_\_\_  
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Subj: Radiation monitoring of Building 351A; report of

Ref: (a) NavMed P-1325

3-140 \_\_\_\_\_  
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1. Radiation monitoring of Building 351A was completed on 4 May 1955 and no areas were found to exceed the final clearance radiation contamination levels specified in reference (a).

3-141 \_\_\_\_\_  
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- Gamma contact dose rate less than 1.8 mr/hr
- Beta dose rate less than 9 mrep/hr
- Fixed beta-gamma contamination less than 10,000 d/a/cm<sup>2</sup>
- Removable beta-gamma contamination less than 4,000 d/a/12 in<sup>2</sup> by a wipe test
- Fixed alpha contamination less than 500 d/a/100 cm<sup>2</sup>
- Removable alpha contamination less than 1 d/a/12 in<sup>2</sup> by a wipe test

3-200 *A 5/4c* \_\_\_\_\_  
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3-210 \_\_\_\_\_  
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3-220 \_\_\_\_\_  
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3-240 \_\_\_\_\_  
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3-250 \_\_\_\_\_  
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2. Wipe monitoring of the sanitary sewer system showed removable beta-gamma activity of from 3,000 to 4,000 d/a/12 in<sup>2</sup> indicating a border line final clearance situation.

3-280 \_\_\_\_\_  
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3. In view of the above, this building is safe for normal occupancy with the following recommendations:

3-700 \_\_\_\_\_  
3-710 \_\_\_\_\_

- a) A radiation monitor accompany working parties on the sewer systems for on-the-job monitoring until the present drain lines are replaced.
- b) The drain lines which are removed from Building 351A in the future be disposed as low level radioactive waste so that they will not go to the salvage yard for possible re-use.

3-731(R)RAS  
3-900 \_\_\_\_\_  
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3-920 \_\_\_\_\_  
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E.A. HINNERS

3-930 \_\_\_\_\_  
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3-940 \_\_\_\_\_  
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3-950 \_\_\_\_\_  
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*190/1-3*

*5 MAY 1955*