Several badges showed radiation exposure above background levels, film badges #14 and 15 being the highest values. Badge #14 is located on the roof of the laboratory building while badge #15 is located on the roof of the hot cell. Exposures registered by these badges as well as badges #2, #9 and #12 are attributable to environmental damage, e.g., rain and excessive heat.

(d) - Highest, lowest and annual average levels of radiation for the sampling point with the highest average radiation exposure due to reactor operations and location of that point with respect to the site -

All of the film badge locations were similar

Average annual level - < 10 mrem
Highest annual level - < 10 mrem
Lowest annual level - < 10 mrem

(e) - Maximum cumulative radiation dose which could have been received by an individual continuously present in an unrestricted area during reactor operation from:

(1) direct radiation and gaseous effluent

< 10 mrem/year

(2) liquid effluent

< 1% of 10 DFR 20, Appendix B limits

8. OCCUPATIONAL PERSONNEL RADIATION EXPOSURE

a. Summary of exposure for persons under 18 years of age greater than 50 mrem -

None

b. Summary of occupational exposures greater than 500 mrem -

None

Should there be any questions concerning this report, please let us know.

Sincerely yours,

R.A. Karam

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