

OFFICE MEMORANDUM

TO : File

DATE: December 6, 1978

FROM : Margaret Anne Rogers, H-12 *MAR*

SUBJECT : ACTIVITIES FOR NOVEMBER 1978

SYMBOL : H12-78-433

MAIL STOP: 490

*1384 Report*  
Twenty-four percent of my time was spent talking with various people on various subjects, 23% was spent on the geochemistry study, 16% was spent on the joint study, and 23% was spent on the update of LA-6848-MS. This was the first month in four months that I have not put in significant overtime. Harmon Avery (Baush & Lomb Representative) packed the Stereo-Zoom Transfer Scope on November 8th for factory repair. John Enders, H-Division Consultant, was here November 7-9 and 13th.

Work during November 1978 toward objective (1) maintenance of a continuous record of all former and current operational or research activities at the disposal sites.

John Enders, H-Division Consultant, reviewed LA-6848-MS Vols I and II November 7, 8, 9, and 13th and wrote a memo on corrections and additions.

Update information requested from H-1, H-7, and H-12 individuals was slow to arrive and still is not complete. Verbal and written reminders were given to those involved.

Proofing of Appendix H Vol. II of LA-6848-MS, Records of Disposals to Area C Shafts, was begun.

Work during November 1978 toward objective (4) description of the geologic, biologic, and hydrologic pathways by which releases might occur.

The collection, preparation and submission of the rock samples for the geochemistry study was completed. A total of 92 samples with a request for analysis for Zn, Co, Cs, Rb, Ta, Th, Fe, Ba, As, W, Sb, Zr, Mo, Se, and U on each was given to H-8. Most of the results will not be available until March 31, 1979 with the exception of uranium which should be ready on January 1, 1979.



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The preparation of figures and the review of comments on the joint study continued. I decided not to use the statistical method of analysis of joint data I got from the literature on similar studies. Instead  $X^2$  tests will be done because their validity is greater. In some cases this requires larger samples than before. This additional data is being acquired.

MAR:tj

cc: J. Steger  
W. Abeelee  
M. Wheeler  
V. Christie  
V. Gutschick