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Note (1) - Specific Tech Spec violations will be included in final report to the USNRC on the March 28, 1979 accident.

Note (2) - No monthly composite particulate samples were made for Alpha. To be conservative, using available sample data, the highest Alpha concentration for a month was used for the complete air flow for the month.

Note (3) - The mixtures of noble gases were taken from the Interim Reports on The TMI Nuclear Station Unit II Accident (May 15, June 18, and July 16, 1979) from J. G. Herbein to B. H. Grier, NRC. The "mix" of noble gas fission products released, with one exception, was taken as that calculated to be appropriate for the nuclear fuel by the ORIGEN computer program. Comparison of the ORIGEN results with actual measurements of the isotopic "mix" in samples of gaseous effluents showed good agreement except that measured values of ^{133m}Xe were about a factor of 6 lower than ORIGEN predictions.

Note (4) - The total Iodine released was determined by simultaneous Ge(Li) analysis of the charcoal and particulate filters. Subsequently, the particulate filters were analyzed for long lived Gamma and Beta emitters.

Note (5) - The analysis for Sr was performed by combining all available samples for the second quarter.

Note (6) - Liquid Effluent Tech Spec limits were not exceeded. As a result of the Unit II accident on March 28, 1979, small quantities of ^{131}I and ^{133}I entered normally non-radioactive Unit II sumps and were pumped to the IWTS and IWFS. During the period March 28, 1979 thru March 31, 1979, 1.06E-1 Ci of ^{131}I and 4.7E-1 Ci of ^{133}I were released to the Susquehanna River from all sources. Prior to April 1, 1979 releases thru IWTS and IWFS were considered to be continuous releases; however, after April 1, 1979, all releases are considered to be batch releases. The method for estimating the ^{131}I releases thru the IWTS and IWFS are provided in the Interim Reports on The TMI Nuclear Station Unit II Accident (May 15, June 18, and July 16, 1979) from J. G. Herbein to B. H. Grier, NRC. These same methods were employed in estimating the releases of ^{133}I thru IWTS and IWFS. See Table 2B of Unit I, Effluent and Waste Disposal Semiannual Report, 1979. There have been no liquid releases from Unit II since the accident on March 28, 1979, except the radioiodine contamination of IWTS and IWFS.

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Note (7) - The liquid samples that had been collected for the March, 1979 composite analysis of ^{89}Sr and ^{90}Sr were in the Unit I and Unit II Health Physics Lab area on March 28, 1979. As a result of the accident on March 28, 1979, both samples became contaminated and were discarded. The best estimate of the ^{89}Sr and ^{90}Sr released during March, 1979 was to weight the concentrations in the preceeding two months with the actual volume discharged thru the liquid rad system for January and February, 1979 and multiply the weighted average by the Volume released in March, 1979.

Additional Note - The March sample data for ^{89}Sr and ^{90}Sr is missing. Estimates have been used to cover this time frame.