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Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Errata, NTR Annual Report No. 42 for Year 2001

Reference: License R-33, Docket 50-73

Gentlemen:

Enclosed are three copies of page six from the subject annual report for the General Electric Nuclear Test Reactor. It contains corrected airborne release (stack emissions) values for the year 2001. The original report contained incorrect values. The errors consisted of incorrect exponents, or incorrect units of release. The corrected values are in units of curies released and are identified by a vertical line in the left border.

We apologize for the errors and any inconvenience they may have caused.

If there are any questions or additional information is required, please contact the undersigned at 925-862-4469

Sincerely,

C. W. Bassett
Regulatory Compliance and Quality Assurance Support

Enclosures (3)

A020

VI. Radiation Levels and Sample Results at On-Site and Off-Site Monitoring Stations

The data below are from sample and dosimeter results accumulated during the reporting period. Except for the NTR stack data, these data are for the entire VNC site and include the effects of operations other than the NTR.

A. NTR Stack

Total airborne releases (stack emissions) for 2001 are as follows:

Alpha Particulate, 4.17E-08 Ci (predominantly radon-thoron daughter products)
Beta-Gamma Particulate, 8.81E-7 Ci
Iodine-131, 1.08E-5 Ci
Noble Gases, 3.38E+2 Ci

Noble gas activities recorded from the NTR stack integrate both background readings and the actual releases. Background readings may account for as much as 50% of the indicated release.

B. Air Monitors (Yearly average of all meteorological stations.)

Four environmental air monitoring stations are positioned approximately 90 degrees apart around the operating facilities of the site. Each station is equipped with a membrane filter, which is changed weekly and analyzed for gross alpha and gross beta-gamma.

Alpha Concentration:

Maximum, 1.69E-13 $\mu\text{Ci/cc}$ (predominantly radon-thoron daughter products)
Average, 3.39E-14 $\mu\text{Ci/cc}$

Beta Concentration:

Maximum, 4.68E-13 $\mu\text{Ci/cc}$
Average, 6.54E-14 $\mu\text{Ci/cc}$

C. Gamma Radiation

The yearly dose results for the year 2001 as determined from evaluation of site perimeter TLD environmental monitoring dosimeters showed no departure from normal stable backgrounds.

D. Vegetation

No alpha, beta or gamma activity attributable to activities at the NTR facility was found on or in vegetation in the vicinity of the site.