



# North Carolina State University

Nuclear Reactor Program  
Department of Nuclear Engineering

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27 May 1997

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U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

**Subject: Corrections to Facility's Annual reports**

**Docket No. : 50-297**  
**License No. : R-120**

Reference: Letter, P.B. Perez, NCSU, to USNRC Region II Administrator, *Notification of a Reportable Event in Accordance with the NCSU PULSTAR Reactor's Technical Specifications Reporting Requirements*, dated 2 May 1997

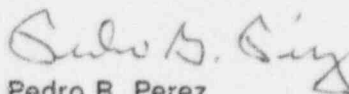
Dear Sir or Madam:

North Carolina State University notified the United States Nuclear Regulatory Commission on 2 May 1997 of a reportable event regarding liquid effluent levels. An error in the counting efficiency determination resulted in under-estimating the actual concentration and activity of tritium released to the sanitary sewer. However, the corrected tritium concentrations in all cases remain below: (1) 10 CFR 20 Appendix B, Table 3 sanitary sewer discharge concentration limit by a factor of 100, and (2) 10 CFR 20.2001 annual total activity release limit by a factor of over 1000.

The efficiency error affected item 6.7.5.f.1 in the previous three annual reports. Corrective actions to this event included correcting the affected annual reports. The attached three tables on the following page summarize the corrected data. The previously reported numbers are provided as a reference in the shaded cells.

Please feel free to contact me at (919) 515-4602 or Mr. Gerald Wicks, Reactor Health Physicist at (919) 515-4601 if you have any questions or comments.

Sincerely yours,

  
Pedro B. Perez,  
Associate Director, NRP

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R PDR

Mr. Alexander Adams, Jr., USNRC  
Mr. Craig Bassett, USNRC  
Mr. Gerald Wicks, CHP, NCSU  
Dr. Charles W. Mayo, NCSU

Attachment: As stated



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