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September 24, 2002  
E910-02-047

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

Gentlemen,

Subject. Saxton Nuclear Experimental Corporation (SNEC)  
Operating License No., DPR-4  
Docket No 50-146  
Submittal of Information in Support of Dose Modeling

The purpose of this letter is to submit new information in support of SNEC's dose models. This information was not available at our last meeting, held on August 29, 2002. At that time we were awaiting preliminary comments from the NRC on previously submitted dose-modeling documentation. The new information will be referenced in Revision 1 of the SNEC License Termination Plan (LTP), Chapter 6. The LTP is scheduled to be sent to you by September 30, 2002. The following is a list of the new information:

- 1) SNEC Calculation 6900-02-008, "SNEC Facility DCGL Values for Volumetric Contamination," September 2002. This document provides a summary of information that has already been provided to the NRC. In addition, it provides Area Factor values that will be used for the SNEC surface volumetric model. A CD-ROM is provided to verify area factor calculations. The RESRAD 6.1 computer software must be used to verify CD-ROM information.
- 2) Rogers & Associates Engineering Branch, URS Corporation, "Calculation of the Sub-Surface DCGLs for the Saxton Nuclear Experimental Corporation Site", RAE-42613-003-4R1, September 20, 2002. This is the final summary report describing the subsurface modeling performed at SNEC.

If you have any questions on this information, please contact Mr. James Byrne at (717) 948-8461.

Sincerely,

G. A. Kuehn  
Program Director, SNEC

cc: NRC Project Manager (2 copies)  
NRC Project Scientist, Region 1

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CD Rom  
to File Center