

December 10, 2004

ALL AGREEMENT STATES, MINNESOTA, PENNSYLVANIA

**NOTICE OF AVAILABILITY OF THE RADIOLOGICAL TOOLBOX - RADIATION
PROTECTION DATABASES (STP-04-082)**

This letter is to inform you of the availability of the initial version of the Radiological Toolbox developed for the U.S. Nuclear Regulatory Commission (NRC) by the Oak Ridge National Laboratory (ORNL). The vision for the development of the toolbox was to provide the NRC staff with a means to quickly access the databases needed for radiation protection calculations. This is the first available version of the toolbox and we would like to share this with the Agreement States.

The radiological toolbox runs on a PC and includes access to the physical, chemical, anatomical, physiological, and mathematical data of relevance to radiation protection from nationally and internationally recognized data sets and selected state-of-the-art data. It includes absorber data for elements and materials, biological data, nuclear decay data, radiation field data, early inhalation dose coefficients, supplemental data, and help files. Many data elements included in the toolbox were originally developed by ORNL in order to support the International Commission on Radiological Protection and development of the Federal Guidance issued by the U.S. Environmental Protection Agency. The program and user manual can be downloaded from ORNL at: <http://ordose.ornl.gov/downloads.html>. Please direct any comments or inquiries to the contact below.

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/RA/

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STP-04-082

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