

January 1, 1999

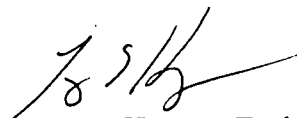
Subject: Offsite Dose Calculation Manual (ODCM)  
Generic Section - Revision 42

The General Office Radiation Protection Staff is transmitting to you this date Revision 42 of the Offsite Dose Calculation Manual's Generic section. As this revision affects the manual's generic section, the approval of each station manager has been obtained. A list of affected pages is given below. Please insert this letter with the attached Justification section in front of the January 1, 1998, Revision 41 letter.

REMOVE THESE PAGES

iii  
Table 1.2-2  
3-9 - 3-11

Effective Date: 1/1/99



L. E. Haynes, Technical Manager  
Radiation Protection

INSERT THESE PAGES

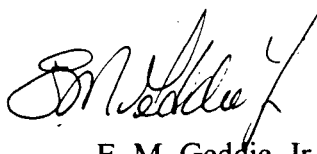
iii  
Table 1.2-2  
3-9 - 3-11

Effective Date: 1/1/99



R. A. Jones, Manager  
Catawba Nuclear Station

Effective Date: 1/1/99



E. M. Geddie, Jr., Manager  
McGuire Nuclear Station

Effective Date: 1/1/99



J. S. Forbes, Manager  
Oconee Nuclear Station

If you have any questions concerning Revision 42, please call Caryl Ingram at (704) 382-4496.



Caryl D. Ingram, Senior Engineer  
Radiation Protection  
Nuclear Services Division

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PDR ADDCK 05000269  
P PDR

## JUSTIFICATION FOR REVISION 42

(page 1 of 1)

### iii

The computer code, RETDAS, has replaced the GASPAR and LADTAP codes for calculating normal operation dose assessment at Duke Power Company. RETDAS, Radioactive Effluent Tracking and Dose Assessment Software, is a database application designed by Vertechs Software Solutions, Inc. to automate many of the tasks required in the administration of effluent releases at Duke's three nuclear plants. RETDAS provides a variety of functions for tracking liquid and gaseous effluents for both continuous and batch releases, as well as custom automated interfaces to third party analytical software such as Canberra's CAS count-room software. RETDAS also performs normal operation effluent dose assessment for Technical Specifications and Selected Licensee Commitments using NUREG-0133 and Regulatory Guide 1.109 dose assessment methodology. RETDAS meets all of the SDQA requirements of NSD-800 for Category C software.

### Table 1.2-2

Provided units clarification for the tritium food and ground pathway.

### Page 3-9

Corrected typographical error.

### Pages 3-10 and 3-11

Changes to reflect use of RETDAS for dose calculations rather than LADTAP and GASPAR.