

MONTICELLO NUCLEAR GENERATING PLANT		ODCM-06.01
TITLE:	DOSE FROM ALL URANIUM FUEL CYCLE SOURCES	Revision 1*
		Page 1 of 4

OFFSITE DOSE CALCULATION MANUAL - TABLE OF CONTENTS

<u>SECTION</u>		<u>PAGE</u>
1.0	RECORD OF REVISION	2
2.0	DOSE FROM ALL URANIUM FUEL CYCLE SOURCES	3
2.1	Dose Commitment	3
2.2	Bases	4

Prepared By:	
Reviewed By:	
OC Final Review Meeting:	Date:
Approved By Plant Manager:	Date:

*This is a major rewrite, therefore, no sidelines are required.

FOR ADMINISTRATIVE USE ONLY			
3087 (DOCUMENT CHANGE, HOLD, AND COMMENT FORM) incorporated:_____			
Resp Supv: CHEM	Assoc Ref: CHEM-I	SR: N	Freq: 2 yrs
ARMS: ODCM-06.01	Doc Type: 7030	Admin Initials:	Date:

I/plr

MONTICELLO NUCLEAR GENERATING PLANT		ODCM-06.01
TITLE:	DOSE FROM ALL URANIUM FUEL CYCLE SOURCES	Revision 1*
		Page 2 of 4

1.0 RECORD OF REVISION

<u>Revision No.</u>	<u>Date</u>	<u>Reason for Revision</u>
1	October - 2000	Moved previous ODCM-04.01 (INFORMATION RELATED TO 40CFR190 and 40CFR141) into this document, changed the title to "DOSE FROM ALL URANIUM FUEL CYCLE SOURCES" and incorporated Tech Specs section 3.8.D and 4.8.D into document.

MONTICELLO NUCLEAR GENERATING PLANT		ODCM-06.01
TITLE:	DOSE FROM ALL URANIUM FUEL CYCLE SOURCES	Revision 1*
		Page 3 of 4

2.0 DOSE FROM ALL URANIUM FUEL CYCLE SOURCES

2.1 Dose Commitment

2.1.1 Controls

- A. In accordance with T.S.6.8.D.10, the dose or dose commitment to any member of the public from all uranium fuel cycle sources is limited to less than or equal to 25 mrem to the total body or any organ, except for the thyroid, which **SHALL** be limited to less than or equal to 75 mrem over a period of 12 consecutive months.

2.1.2 Applicability

At all times

2.1.3 Action

- A. With the calculated dose from the release of radioactive materials in liquid or gaseous effluents exceeding twice the limits of Controls ODCM-02.01 Section 2.2.1, ODCM-03.01 Section 2.2.1 or ODCM-03.01 Section 2.3.1, prepare and submit within 30 days a special report to the Commission which includes the following:
1. Defines corrective actions and calculates the highest radiation exposure to any member of the general public from all uranium fuel cycle sources (including all effluent pathways and direct radiation).
 2. Unless this report shows that exposures are less than the 40CFR Part 190 standard, either apply to the Commission for a variance to continue releases which exceed the 40CFR Part 190 standard or reduce subsequent releases to permit the standard to be met.

2.1.4 Surveillance Requirements

- A. Cumulative dose contributions from all liquid and gaseous effluents **SHALL** be determined in accordance with surveillance requirements ODCM-02.01 Section 2.2.4, ODCM-03.01 Section 2.2.4, and ODCM-03.01 Section 2.3.4 and in accordance with the ODCM.

MONTICELLO NUCLEAR GENERATING PLANT		ODCM-06.01
TITLE:	DOSE FROM ALL URANIUM FUEL CYCLE SOURCES	Revision 1*
		Page 4 of 4

2.2 Bases

2.2.1 Dose From All Uranium Fuel Cycle Sources

A. Dose Commitment

Control 2.1.1.A. is provided to meet the dose limitations of 40CFR190. The specification requires the preparation and submittal of a special report whenever the calculated doses from plant radioactive effluents exceed twice the design objective doses of Appendix I. Submittal of the report is considered a timely request and a variance is granted until Staff action on the request is complete. For sites containing up to 4 reactors, it is highly unlikely that the resultant dose to a real individual will exceed 40CFR190 if the individual reactors remain with the reporting requirement level. For the purpose of the special report it may be assumed that the dose commitment to the real individual from other uranium fuel cycle source is negligible, with the exception that dose contributions from other nuclear fuel cycle facilities at the same site or within a radius of 5 miles must be considered.