SUPERSEDED ON 6/28/90

FOR INFORMATION ONLY

TECHNICAL REVIEW AND CONTROL

SUMMARY

DOCUMENT No. XOCM UNIT 1 Rev. No. 7 *Prd Rev, NC ☐

TITLE OFFSITE DOSE CALCULATION MANUAL - U1

Author J. BLASIAK Date 2/27/90

Description of Changes (Itemize the nature/reason of general changes)

① Included methodology for calculation of Shock K factor using an Iodine recoil release distribution in the equation

② Revised description of RAGEMS/OGESMS to reflect modifications in program

MODIFICATION RELATED CHANGES YES ☑ NO ☐ MOD. CONTROL NO. *87-91

* IF PERIODIC REVIEW WITH NO CHANGES (Prd Rev, NC), USE THE LAST PUBLISHED REVISION NUMBER AND CONTINUE REVIEW PROCESS..

INTRADISCIPLINARY REVIEW (minimum of one person required)

DEPT. NAME	TITLE	SIGNATURE	DATE
Chem	Sr. Chemist	[signature]	2/27/90

CROSS DISCIPLINARY REVIEW (if not required, use lines for justification statement)

DEPT. NAME	TITLE	SIGNATURE	DATE
Env. Prot.	Mgr. Env. Prot.	[signature]	2/27/90
H.P.	Assoc. Health Phys.	[signature]	2/27/90

IF NOT IN CONCURRENCE, DO NOT SIGN BUT RETURN DOCUMENT TO THE AUTHOR WITH COMMENTS

Routed to Quality Assurance for review: Yes ☑. No ☐. If No, reason

Q. A. Representative [signature] Date 2/27/90 & comments are attached. ☐.

Routed to A.L.A.R.A. for review: Yes ☐. No ☑. If No, reason Changes do not impact dose of station personnel

A.L.A.R.A. Representative N/A Date N/A & comments are attached. ☐.

SAFETY ANALYSIS REQUIRED: NO ☑. YES ☐ (SEE ATTACHED) completed gas 2/27/90
IF YES, ANALYSIS ASSIGNED TO: SITE ☐. OR TO ENGINEERING ☐. DATE

REVIEW OF THE SUBJECT DOCUMENT HAS BEEN COMPLETED AND APPROVAL IS RECOMMENDED. (Approvers shall signify approval on the procedure cover sheet).. ☐

DOCUMENT HELD FOR SORC (MEETING # 90-023). APPROVED. YES ☐. NO ☐.

OWNERSHIP DEPT SUPV [signature] DEPT. Chem DATE 2/27/90

FIG 2.0-2 SH 1 OF 4

1, 19, 21, 22A, 22B
24, 25, 26

TECHNICAL REVIEW AND CONTROL

EVALUATION OF NEED FOR SAFETY ANALYSIS IN ACCORDANCE WITH 10 CFR 50.59

(Documents that require General Supt. approval per Tech Spec 6.8)

FOR DOCUMENT NO. 00cm u1 REV. 7 DATE 2/27/90

The Author (A) and four SORC Members (Minimum - 2 regular members, 2 alternates) are to respond to each of the questions below.

		NO	YES*
Does the document/revision result in a change to the facility or procedures described in the FSAR?**	A	☑	☐
	1	☐	☐
	2	☐	☐
	3	☐	☐
	4	☐	☐
Does the document/revision deviate from compliance to Tech Specs, or is the margin of safety defined in the basis reduced?	A	☑	☐
	1	☐	☐
	2	☐	☐
	3	☐	☐
	4	☐	☐
Does the document/revision increase the probability of occurrence, or the consequences of an accident, or malfunction of equipment important to safety (Class 1) evaluated in the FSAR increased?	A	☑	☐
	1	☐	☐
	2	☐	☐
	3	☐	☐
	4	☐	☐
Does the document/revision create the possibility for an accident or malfunction of a different type than any evaluated in the FSAR?	A	☑	☐
	1	☐	☐
	2	☐	☐
	3	☐	☐
	4	☐	☐

*A "MAYBE" constitutes a "YES" response.

SORC MEMBERS RECOMMENDATIONS TO GENERAL SUPERINTENDENT

	1	2	3	4
Recommend Nuclear Engineering or Tech Services perform a safety ANALYSIS to present to SORC (noted by a "YES" response to any of the above questions).	☐	☐	☐	☐
Recommend full SORC committee review this Evaluation of need for Safety Analysis.	☐	☐	☐	☐
Recommend approval - This document does not involve an unreviewed safety question.	/__/	/__/	/__/	/__/

	SORC Member Signatures	Date
1		
2		
3		
4		

SORC meeting number (if required) 90-023

Figure 2.0-2 SH 2 OF 4

** ~~Safety analysis and~~ FSAR update to incorporate RAI's into FSAR to be performed in conjunction with MOD #87-91. JB 2/27/90

— Safety evaluation for Mod #87-91 is complete JB 2/27/90 JB 2/27/90

TECHNICAL REVIEW AND CONTROL
REFERENCE DOCUMENTS

The items entered below have been included in the preparation and/or review of the attached reference document and are presented in place of a specific check sheet for the document..

The following persons were consulted about this procedure

NAME	TITLE	BY
K Snyder	Gen Eng	JJB
E Leach	Sr Gen Spec Eng	JJB

Procedure is in compliance with the following Technical Specifications

SECTION	AMENDMENT	BY
3.6.14 / 4.6.14	66	JJB
3.6.15 / 4.6.15	60	JJB

Compliance with: CFR / US-NRC

REGULATORY GUIDES(s)	DATED	BY
1.129	1977	JJB

Compliance with

ANSI STANDARD(s)	DATED	BY
N/A		

Compliance with: ASME Boiler and Pressure Vessel Code(s)

SECTION	DATE	ADDENDUM	BY
N/A			

is consistent with the following Station or Site procedures:

NUMBER	REV.	BY
MI-CSP-7A	1	JJB

OTHER INFORMATION

SOURCES CONSULTED	BY
N/A	

AUTHOR ..... DATE 2/27/90

REVIEWED BY ..... DATE 2/27/90

COMMENTS

FIG 2.0-2 SH 3 OF 4

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