

ENCLOSURE 5  
NUREG-0578 ERRATA

1. Section 2.1.5.a, page A-16, fifth line from bottom of page:

Change to read, ". . . 25,000 SCFM (Standard Cubic Feet per Minute). . ."

Reason: Editorial change.

2. Section 2.1.5.b, page A-20, first line at top of page:

Change to read, "However, as an interim measure pending the comprehensive longer term review which must be done in this regard, it is prudent to require inerting . . ."

Reason: Clarify intent.

3. Table A-1, page A-25, column entitled "BWRs":

Delete "Shoreham(OL)"

Reason: Plant has recombiners.

4. Section 2.1.6.b, page A-28:

Change title to read, "Design Review of Plant Shielding and Environmental Qualification of Equipment for Spaces/Systems Which May Be Used in Post Accident Operations."

Reason: To more clearly reflect that degradation of safety equipment by radiation during post-accident operation is also a principal concern addressed in this section.

5. Section 2.1.6.b, page A-28, fourth line from bottom of page:

Following "Regulatory Guides 1.3 and 1.4" add "(i.e., the equivalent of 50% of the core radioiodine and 100% of the core noble gas inventory are contained in the primary coolant), . . ."

Reason: Clarify intent.

6. Section 2.1.8.b, page A-39, paragraph 1.b:

Change to read, "Noble gas effluent monitoring shall be provided for the total range of concentration extending from normal condition (ALARA) concentrations to a maximum of  $10^5$  Ci/cc (Xe-133). Multiple monitors are considered to be necessary to cover the ranges of interest. The range capacity of individual monitors should overlap by a factor of ten."

Reason: To better reflect the intent of the Task Force and practical considerations regarding current state-of-the-art for low concentration effluent monitoring.

7. Section 2.1.8.c, page A-41, "Position" paragraph at bottom of page:

Change to read, "Each licensee shall provide equipment and associated training and procedures for accurately determining the airborne iodine concentration in areas within the facility where plant personnel may be present during an accident."

8. Section 2.2.1.b, page A-49, subparagraph 3 under DISCUSSION:

Delete the word "and" between "identified" (in the first line of the sentence) and "personnel" (in the second line of the sentence).

Reason: Typographical error.

9. Section 2.2.2.b, page A-58, second paragraph of position statement:

Change to read, "Records that pertain to the as-built conditions and layout of structures, systems and components shall be stored and filed at the site and accessible to the technical support center under emergency conditions. Examples of such records include system descriptions, general arrangement drawings, piping and instrument diagrams, piping system isometrics, electrical schematics, wire and cable lists,

and single line electrical diagrams. It is not the intent that all records described in ANSI N45.2.9-1974 be stored and filed at the site and accessible to the technical support center under emergency conditions; however, as stated in that standard, storage systems shall provide for accurate retrieval of all pertinent information without undue delay."

10. Table B-1, page B-2, footnote (b):

Change ". . . after July 1, 1982" to ". . . after July 1, 1981."

Reason: Typographical error.

11. Table B-1, page B-4, item 2.1.8.b:

Change abbreviated title from "High Range Effluent Monitor" to "High Range Radiation Monitors."

Reason: Editorial correction to make title consistent with that used in referenced discussion section.

12. Table B-1, page B-5, item relating to Section 2.2.1.b:

Change abbreviated title from "Shift Safety Engineer" to "Shift Technical Advisor."

Reason: Editorial correction to make title consistent with that used in referenced discussion section.

13. Table B-1, footnote a, on pages B-2, B-3, B-4, and B-5:

Add the words, ", whichever is later." after "or prior to OL."

Reason: Clarify intent.

ENCLOSURE 6

IMPLEMENTATION OF REQUIREMENTS FOR  
OPERATING PLANTS AND PLANTS IN OL REVIEW

Sect. No.	Position		Implementation Category <sup>a</sup>
	Abbreviated Title	Position Description	
2.1.1	Emergency Power Supply Requirement	Complete implementation.	A
2.1.2	Relief and Safety Valve Testing	Submit program description and schedule.  Complete test program.	A  By July 1981 <sup>b</sup>
2.1.3.a	Direct Indication of Valve Position	Complete implementation.	A
2.1.3.b	Instrumentation for Inadequate Core Cooling	Develop procedures and describe existing inst.  New level instrument design submitted.  Subcooling meter installed.	A  A  A
2.1.4	Diverse Containment Isolation	Complete implementation.	A
2.1.5.a	Dedicated H <sub>2</sub> Control Penetrations	Description and implementation schedule.  Complete installation.	A  B

<sup>a</sup>Category A: Implementation complete by January 1, 1980, or prior to OL, whichever is later

Category B: Implementation complete by January 1, 1981

<sup>b</sup>Relief and safety valve testing shall be satisfactorily completed for all plants prior to receiving an operating license after July 1, 1981.

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IMPLEMENTATION TABLE (Continued)

Sect. No.	Position		Implementation Category <sup>a</sup>
	Abbreviated Title	Position Description	
2.1.5.c	Recombiners	Review procedures and bases for recombiner use.	A
2.1.6.a	Systems Integrity for High Radioactivity	Immediate leak reduction program.	A
		Preventive maintenance program.	A
2.1.6.b	Plant Shielding Review	Complete the design review.	A
		Implement plant modifications.	B

<sup>a</sup>Category A: Implementation complete by January 1, 1980, or prior to OL, whichever is later.

Category B: Implementation complete by January 1, 1981

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IMPLEMENTATION TABLE (Continued)

Sect. No.	Position		Implementation Category <sup>a</sup>
	Abbreviated Title	Position Description	
2.1.7.a	Auto Initiation of Auxiliary Feed	Complete implementation of control grade.	A
		Complete implementation of safety grade	B
2.1.7.b	Auxiliary Feed Flow Indication	Complete implementation	A
2.1.8.a	Post Accident Sampling	Design review complete.	A
		Preparation of revised procedures.	A
		Implement plant modifications.	B
		Description of proposed modification.	A
2.1.8.b	High Range Radiation Monitors	Installation complete.	B
2.1.8.c	Improved Iodine Instrumentation	Complete implementation	A
2.1.9	Transient & Accident Analysis	Complete analyses, procedures and training	**
		Containment Pressure Monitor	B
		Containment Water Level Monitor	B
		Containment Hydrogen Monitor	B
		RCS Venting	Design submitted
		Installation complete	B

<sup>a</sup>Category A: Implementation complete by January 1, 1980, or prior to OL, whichever is later.

Category B: Implementation complete by January 1, 1981.

\*\*Analyses, procedural changes, and operating training shall be provided by all operating plant licensees and applicants for operating licenses following the attached schedule.

IMPLEMENTATION TABLE (Continued)

Sect. No.	Position		Implementation Category <sup>a</sup>
	Abbreviated Title	Position Description	
2.2.1.a	Shift Supervisor Responsibilities	Complete implementation.	A
2.2.1.b	Shift Technical Advisor	Shift technical advisor on duty.	A
		Complete training.	B
2.2.1.c	Shift Turnover Procedures	Complete implementation.	A
2.2.2.a	Control Room Access Control	Complete implementation	A
2.2.2.b	Onsite Technical Support Center	Establish center.	A
2.2.2.c	Onsite Operational Support Center	Complete implementation	A

<sup>a</sup>Category A: Implementation complete by January 1, 1980, or prior to OL, whichever is later.

Category B: Implementation complete by January 1, 1981.

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ANALYSIS AND TRAINING SCHEDULE

<u>Task Description</u>	<u>Completion Date</u>
1. Small Break LOCA analysis and preparation of emergency procedure guidelines	July-September 1979*
2. Implementation of small break LOCA emergency procedures and retraining of operators	December 31, 1979
3. Analysis of inadequate core cooling and preparation of emergency procedure guidelines	October 1979
4. Implementation of emergency procedures and retraining related to inadequate core cooling	January 1980
5. Analysis of accidents and transients and preparation of emergency procedure guidelines	Early 1980
6. Implementation of emergency procedures and retraining related to accidents and transients	3 months after guidelines established
7. Analysis of LOFT small break tests	Pretest (Mid-September 1979)

\*Range covers completion dates for the four NSSS vendors

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