



PARSONS

PP-01

MILLSTONE UNIT 2 ICAVP
PROJECT PROCEDURES

Title:

System Vertical Slice Review

REVISION 2

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REVISION HISTORY

REVISION	DATE	REVISION DESCRIPTION
0	04/03/97	Procedure Initiation
1	06/09/97	Incorporation of NRC Comments
2	06/27/97	Incorporation of NRC Comments



MILLSTONE UNIT 2 ICAVP
PROJECT PROCEDURES

PP-01

TITLE: SYSTEM VERTICAL SLICE REVIEW

REVISION: 2

DATE: 06/26/97

PAGE 2 OF 26

LIST OF EFFECTIVE PAGES

<u>Page No.</u>	<u>Revision No.</u>	<u>Page No.</u>	<u>Revision No.</u>	<u>Page No.</u>	<u>Revision No.</u>
1	2	10	2	19	1
2	2	11	1	20	1
3	1	12	1	21	1
4	1	13	1	22	1
5	1	14	1	23	1
6	1	15	1	24	1
7	2	16	1	25	1
8	1	17	1	26	1
9	1	18	1		

TABLE OF CONTENTS

1.0	PURPOSE.....	3
1.1	BACKGROUND.....	3
1.2	APPROACH.....	4
2.0	DEFINITIONS.....	5
3.0	PREREQUISITES.....	6
4.0	PROCEDURE.....	7
4.1	INSPECTION PREPARATION.....	8
4.2	CONDUCT OF INSPECTION.....	11
4.3	INSPECTION ASSESSMENT AND REPORT.....	15
4.4	TEAM MEETINGS/REVIEWS.....	18
4.5	SYSTEM ASSESSMENT.....	17
5.0	REFERENCES.....	18
	APPENDIX A.....	19
	APPENDIX B.....	22
	APPENDIX C.....	23
	APPENDIX D.....	25



TITLE: SYSTEM VERTICAL SLICE REVIEW

REVISION: 2

DATE: 06/27/97

PAGE 7 OF 26

4.0 PROCEDURE

Resources Responsibilities

SVSR Group Leader

- Reviews and approves the System Specific Instructions and Checklists
- Supervises the overall SVSR Inspections
- Directs the course of the SVSR and maintains review focus
- Periodically reviews functional plans and system review progress
- Reviews the documenting and reporting of any discrepancies noted during the review.

SVSR System Lead

- Coordinates the administration of the overall system specific inspection
- Defines system boundaries and components to be evaluated

NOTE

Interface with, and portions of, other systems will be included within the boundary of the selected system to the extent they are necessary to support the functional requirements of the selected system. System boundaries may be defined at appropriate components that provide physical isolation, as long as the selected boundary does not split the component between systems. All passive devices such as support and restraints, within the system boundary are included within the scope of the SVSR.

Support system boundaries will be defined as:

Mechanical - the first level of support system interface.

As an example, at a heat exchanger, the interface will be data associated with the temperature and flow rate of the cooling media. The interfacing system equipment/data/design will be verified to the extent that the input parameters can be validated with respect to a verified calculation or vendor document.

Electrical - Electrical power will be verified from the actuating component or power supply to the ultimate on site source required for the component to perform its intended function. All selected system loads and their design parameters will be verified. Verification will focus on the review of loads associated with the selected



MILLSTONE UNIT 2 ICAVP
PROJECT PROCEDURES

PP-01

TITLE: SYSTEM VERTICAL SLICE REVIEW

REVISION: 2

DATE: 06/27/97

PAGE 10 OF 26

- Identified system deficiencies or operating problems
- Regulatory documents containing requirements specific to selected system
- Modifications made to the selected system
- System Drawings
- Calculations
- System related actions from the Corrective Action Program
- Design changes
- Design Basis Documents
- Licensing changes
- Procedure changes
- Original design information
- System operational and test data
- Operating procedures
- Maintenance procedures
- System regulatory requirements such as environmental qualifications, fire protection, seismic qualifications

Action Output

A system specific document list.

NOTE:

The checklist initiated in Step 4.1.2.1 will be completed for all applicable parameters and functions the team can identify for the selected system. A list of typical document types is provided in Appendix B.