MILLSTONE UNIT 2 SVSR PROJECT INSTRUCTION PI - 01 SVSR IMPLEMENTATION CHECKLISTS AND WORKBOOK

T1-CL-I-03

SYSTEM REVIEW CHECKLIST INSTRUCTIONS CURRENT LICENSING BASIS FORM 3

Signature

Date

Prepared: Kumayers 6/30/97

Reviewed: The Soils 6/30/2

Approved: (Sen R. Berth 6/30/97

Approved: Eve Block 30 JUN 97

Deputy Project Director

--- Parsons Power Group Inc. ----

MILLSTONE UNIT 2 SVSR PROJECT INSTRUCTION PI - 01 SVSR IMPLEMENTATION CHECKLISTS AND WORKBOOK

- Does the Appendix R documentation demonstrate compliance to the separation criteria of 10CFR50 Appendix R, Section III.G.2 for the safe shutdown components and circuits?
- Are local manual operations or local administrative actions (if applicable) adequately defined?
- Is alternative or dedicated shutdown capability (e.g. remote shutdown for a main control room fire) provided in accordance with 10CFR50 Appendix R, Section III L?
- For the fire areas requiring the use of the system for safe shutdown, does the Appendix R documentation demonstrate the availability of the necessary support systems; e.g. electrical power, control power, service water, HVAC?
- · Have the equipment and circuits necessary for safe shutdown been identified?
- · Has the impact of fire barriers/wrap on cable derating been addressed?
- For manual actions necessary for safe shutdown, has the required lighting and communication been provided?
- · Have associated circuits been identified and their impact addressed?
- For the system under reviews, do the circuits and equipment required for safe shutdown have adequate separation or fire barriers in representative fire zones.

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	REVISION 0 Signature/Date	REVISION 1 Signature/Date	REVISION 2
1. ORIGINATOR			
2. REVIEWED		-	
Mechanical Lead			
Electrical Lead			
Control Systems Lead			
Operations Lead			-
Procedures Lead			
Testing Lead			ACCOUNTY OF THE PARTY OF THE PA
3. APPROVAL		NAME OF THE PERSON OF THE PERS	_
System Lead Engineer			
SVSR Lead Engineer			A CONTRACTOR OF THE PARTY OF TH

(System Team Lead)

PART B.1 SYSTEM SUMMARY

Instructions:

- (1) The SLE will review the attached checklists and supplemental material and indicate whether the system adequately considered or incorporated the indicated requirements.
- (2) The SLE will review the attached program/topical checklists and supplemental material and indicate whether the system adequately considered or incorporated the indicated requirements.
- (3) For each Discrepancy found during the audit, the SLE is to indicate the requirement item number(s) under the appropriate Revision and assure all discrepancies are processed per PP-07.

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	REVISION 0	REVISION 1	REVISION 2
Have System licensing requirements are adequately addressed?	O Yes O No	O Yes O No	☐ Yes ☐ No
2. Have all program/topical area listed inadequately been addressed?	O Yes O No	O Yes O No	☐ Yes ☐ No
3. Are component requirements satisfied?	O Yes O No	D Yes D No	O Yes O No
4. Summary of Discrepancy(ies) Items			
Signature SLE/Date			

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CONTRACTOR

Responsible Engineer: (System Team Lead)

PART B.2 SYSTEM PROGRAM/TOPICAL SUMMARY

Instructions:

- (1) The OE will summarize which of the program areas are included in the licensing basis of the system. This Part should not be completed until the detail reviews in Parts E through W have been completed.
- (2) The OE needs to assure that NNECo has considered the applicability of EACH program/topical area. When dispositioning the question below, the OE needs to review the licensing basis or program to the extent that NNECo considered it during in the system design.

NOTE: Because these are topical areas, NNECo licensing basis needs to consider each program/topical area for applicability. However, <u>EACH</u> area may not effect/impact the system and hence not be applicable to the licensing/design basis.

Form 3 Reference Section Part	PROGRAM/TOPICAL AREA	APPLICABLE TO THE SYSTEM CURRENT LICENSING BASIS
E	Anticipated Transients Without SCRAM (ATWS)	O Yes O No
F	Control Room Design Review	O Yes O No
G	Environmental Qualification of Electrical Equipment (EQ)	O Yes O No
Н	Erosion/Corrosion	7 Yes 7 No
I	External Events/Hazards	O Yes O No
J	Generic Letter 89-10 (MOV)	O Yes O No
K	Heavy Loads	O Ves O No
L	High and Moderate Energy Line Breaks (HELB / AELB)	☐ Yes ☐ No
М	Inservice Inspection	☐ Yes ☐ No
N	Inservice Testing/10 CFR50 Appendix J Testing	O Yes O No
0	IPEEE	O Yes O No
P	Master Equipment and Parts List (MEPL)	O Yes O No
Q	Regulatory Guide 1.97 Compliance	O Yes O No
R	Separation/Independence/Diversity	O Yes O No
S	Set Point Control	☐ Yes ☐ No
T	Single Failure	O Yes O No
U	Station Blackout	☐ Yes ☐ No

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	NAME OF ONCE ADDRESS OF	DOCUMENT ID:	RC-SLB-	Page 3 of xx
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		Responsible Engineer: (System Team Lead)		
V	10 CFR5 1 / / per adust %			O Yes O No
W	USI A-46 Seasone Qualification			D Yes D No
1. C' Y	es D No A review of the program to sicce considered the application y of verify that a discrepan was p program, sign and dam. REM CONSIDERATION is a process	each program/topical are processed as part of system EMBER, APPLICABILITY	a. (If "Yes," sign a program review.	nd date below. If "No," Indicate in step 2 the
Orig	insting . "Gincer/Date:			
2.a The	following Program(s) Has Not Been Consider	ered: [OE Delete this item	is not applicable]	
a.	PRCGRAM:			
	☐ DISCREPANCY processed			

Originating Engineer/Date:

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and and the		
Responsible Engineer		

PART C SYSTEM LICENSING/DESIGN INPUT REQUIREMENT CHECKLIST

Instructions: For each requirement listed below:

(1) GLE, SLE, OE and system team develops the specific requirements to be reviewed using the generic questions in the Instruction and Attachment A source book. <u>Each</u> requirement will be given a new item number and include steps A, B, C, and D.

(System Team Lead)

- (2) Each requirement will be consecutively numbered starting with 1 (one).
- (3) The system Lead Engineer will assign the function group responsible for reviewing each requirement.

 Mechanical = M, Electrical = E, Controls = I&C, Testing = T, Procedures = P, Operations = O
- (4) The individual that reviews the requirement will sign and date, provide a disposition, indicated interfaces, and provide a response based upon the following:
- a. Yes Requirement is satisfactorily addressed. Include reference source, revision, and date. No explanation/results is required.
- b. No Requirement is not satisfactory addressed. Include reference source, revision and date, if applicable. If RAI was generated to clarify the requirement, the reference RAI number and subsequent NNECo response reference is to be provided. Provide an explanation of how you concluded the requirement was not satisfied. Include reference source, revision, and date., if applicable. Disposition as a DISCREPANCY. The responsible individual shall immediately advise the SLE of any requirement that is to be dispositioned as a DISCREPANCY. Initiation of Project Procedure PP-07 will be by the OE.
- c. NA Requirement is not applicable. Explanation should be included only if it clarifies the disposition.
- d. INF Requirement could not be verified because information could not be found. Include a statement under results that indicates the information could not be found and disposition as a DISCREPANCY. The responsible individual shall immediately advise the SLE of any requirement that is to be dispositioned as a DISCREPANCY. Initiation of Project Procedure PP-07 will be by the OE.

	Review Group	Status	Requirement Reviewer's Signature
1.		O Yes O No O NA O INF	Date

A. REQUIREMENT

- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING THE LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:

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SYSTEM:		
Responsible Engineer: (System Team Lead)		

D. REVIEW SUMMARY/RESULT

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PART D TOPICAL PROGRAM REQUIREMENTS CHECKLIST INSTRUCTIONS

Instructions: For each program/topical requirement listed in Part E through Part W below:

(1) The OE/reviewer/specialist completes and Dispositions Part x.1. The reviewer/specialist responsible for the requirement reviews the Program/Topical area to the extent necessary to verify that the system was considered when the program was developed and indicates this verification in the appropriate area below.

- (2) If Part x.1 is disposition as Applicable, the GLE, SLE, and OE/specialist develops the specific requirements to be reviewed using the generic questions in the Instruction and Attachment A source book and enters the requirement to be reviewed in Part x.2. Each requirement will be given a new item number and include steps A, B, C, and D.
- (3) Each requirement will be consecutively numbered starting with 1 (one).
- (4) The system Lead Engineer will assign the function group responsible for reviewing ... n requirement. Mechanical = M, Electrical = E, Controls = I&C, Testing = T, Procedures = P, Operations = O
- (5) The OE/Specialist reviews the requirement will sign and date,, provide a disposition, indicated interfaces, and provide a response based upon the following:
- Requirement is satisfactorily addressed. Include reference source, revision, and date. No explanation/results is required.
- b. No Requirement is not satisfactory addressed. Include reference source, revision and date, if applicable. If RAI was generated to clarify the requirement, the reference RAI number and subsequent NNECo response reference is to be provided. Provide an explanation of how you concluded the requirement was not satisfied. Include reference source, revision, and date., if applicable. Disposition as a DISCREPANCY. The responsible individual shall immediately advise the SLE of any requirement that is to be dispositioned as a DISCREPANCY. Initiation of Project Procedure PP-07 will be by the OE.
- c. NA Requirement is not applicable. Explanation should be included only if it clarifies the disposition.
- d. INF Requirement could not be verified because information could not be found. Include a statement under results that indicates the information could not be found and disposition as a DISCREPANCY. The responsible individual shall immediately advise the SLE of any requirement that is to be dispositioned as a DISCREPANCY. Initiation of Project Procedure PP-07 will be by the OE.

MILLSTONE UNIT 2
ICAVP SVSR
SYSTEM DESIGN INPUT AND
LICENSING BASIS
CHECKLIST

AND DESCRIPTION OF THE PERSON

PART E ANTICIPATED TRANSIENT WITHOUT SCRAM (ATWS)
CONSIDERATION/SCREENING

A.	Sì	ST	EM	D	ESIG	N BASIS SCREENING
	1.	0	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
	2.	0	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
	3.	0	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?
						If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.
	4.	0	Yes	0	No	Does the system include the applicable provisions for the licensing basis requirements for Anticipated Transients Without SCRAM (ATWS)?
						If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part E.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.
В.	PR	00	GRA	M	TOPI	CAL AREA IS (Check only one):
	0	DI	SCR	EP	ANCY	(Process per PP-07
	0	PF	ROGI	RA	M WA	S CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
		PF	ROGI	RA	M IS A	PPLICABLE
	Pro	gra	m/To	pic	al Spec	ialist/Date:

Originating Engineer/Date:

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PART F 1 ANTICIPATED TRANSIENT WITHOUT SCRAM (ATWS) CHECKY

PartE.1 Item	Review Group	Status				Requirement Reviewer's Signature	And the second of the second o
1.		O Yes	O No	O NA	INF	Date	

- A. REQUIREMENT
- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING THE LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

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SYSTEM DESIGN INPUT AND
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Responsible Engineer. (System Team Lead)

PART F CONTROL ROOM DESIGN	REVIEW	CONSIDER	ATION/SCREENIN	NC:
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ART	F		CO	NTI	ROL	ROOM DESIGN REVIEW CONSIDERATION/SCREENING
A.	SY	ST	EM	DE	SIGN	BASIS SCREENING
	1.	0	Yes	01	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
	2.	0	Yes	01		Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
	3.	0	Yes	ON		Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?
						If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.
	4.	0	Yes	ON		Does the system have any controls, labeling or operating procedures effected by the Control Room Design Review or Human Factors Review??
						If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part F.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.
В.	PR	ROG	RA	M/T	OPI	CAL AREA IS (Check only one):
	0					(Process per PP-07
	0	PR	OGI	RAM	WAS	CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
	0	PR	OGF	RAM	IS AI	PPLICABLE
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	Ori	gina	ting	Engi	neer/D	Date:

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SYSTEM:		
Responsible Engineer:		Anne Strategical Colonia manari di Antonia di

PART F.1 CONTROL ROOM DESIGN REVIEW CHECKLIST

PartF.1 Item	Review Group	Status	Requirement Reviewer's Signature
1.		D Yes D No D NA D INF	Date

(System Team Lead)

A. REQUIREMENT

- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING THE LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

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PART G ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT (EQ) CONSIDERATION/SCREENING

A	SYSTEM	DESIGN	RASIS	SCREENING
2 Be	CO R LO R RULY R	APELOZZAJA	1000000	DE REELEST VERY

- 1.

 Yes

 No Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
- 2.

 O Yes O No Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
- 3. ☐ Yes ☐ No Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?

If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.

4.

Yes
No Does the system contain "Active" components that must be operable during an accident, under post accident environmental conditions or during/after a seismic event?

If "Yes", Disposition as PROGRAM IS APPLICABLE and complete Part G.1 checklist. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.

B. PROGRAM/TOPICAL AREA (Check only one):

- ☐ DISCREPANCY (Process per PP-07
- PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
- PROGRAM IS APPLICABLE

Program/Topical Specialist/Date:

Originating Engineer/Date:

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Responsible Engineer.		

PART G.1 ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT (EQ) CHECKLIST

PartG.1 Item	Review Group		Requirement Reviewer's Signature
1.		O Yes O No O NA O INF	Date

(System Team Lead)

A. REQUIREMENT

- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING THE LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

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PART H EROSION/CORROSION CONSIDERATION/S	CRE	ENING
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ART	H		ER	OS	SION	CORROSION CONSIDERATION/SCREENING
A.	SY	ST	EM	D	ESIG	N BASIS SCREENING
	1.	0	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
	2.	O	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
	3.	0	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program. I/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?
						If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.
	4.	0	Yes	0	No	Has the system been evaluated in accordance with the erosion/corrosion program for the unit?
						If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part H.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.
В.	PR	00	RA	M	TOPI	CAL AREA IS (Check only one):
	0	DI	SCR	EP	ANCY	(Process per PP-07
	0	PR	OG!	RAJ	M WA	S CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
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Responsible Engineer: (System Team Lead)

PART H.1 EROSION/CORROSION CHECKLIST

PartH.1 Item	1	Status	Requirement Reviewer's Signature
1.		O Yes O No O NA O INF	Date

- A. REQUIREMENT
- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

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PART I EXTERNAL EVENTS/HAZARDS CONSIDERATION/SCREENING

A. SYSTEM DESIGN BAS	SIS SCREENING
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- 1. The Yes In No. Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
- 2. The Yes No Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
- 3. D Yes D No Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?

If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.

4.

Yes
No ls the system located within building structures or include other features required to protect the system from external missiles, tornadoes, flooding or other external events included in the licensing basis?

If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part L1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.

B. PROGRAM/TOPICAL AREA IS (Check only one):

- DISCREPANCY (Process per PP-07
- PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
- PROGRAM IS APPLICABLE

Program/Topical Specialist/Date:
Originating Engineer/Date:

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Responsible Engineer:		The state of the s

PART L1 EXTERNAL EVENTS/HAZARDS CHECKLIST

PartI.1 Item	Review Group	Status	Requirement Reviewer's Signature
1.		O Yes O No O NA O INF	Date

- A. REQUIREMENT
- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
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Responsible Engineer: (System Team Lead)		

ART	J	NAME OF TAXABLE PARTY.	GE	NE	RIC	LETTER 89-10 (MOV) CONSIDERATION/SCREENING
Α.	SY	ST	EM	D	ESIG	N BASIS SCREENING
	1.	0	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
	2.	0	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
	3.	O	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?
						If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.
	4.	0	Yes	0	No	Have the motor operated valves in the system been evaluated under the unit's program for MOV's? (89-10)?
						If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part J.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.
В.	PR	00	RA	M	TOPI	CAL AREA IS (Check only one):
	0	DI	SCR	EP	ANCY	(Process per PP-07
		PR	OG	RA	M WA	S CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
	0	PR	OG	RAJ	M IS A	PPLICABLE
	Pro	grai	m/Te	opic	al Spec	ialist/Date:
	Ori	gina	ting	En	gineer/	Date:

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PART J.1 GENERIC LETTER 89-10 (MOV) CHECKLIST

PartJ.1 Item	Review Group	Status					Requirement Reviewer's Signature	
1.		O Yes D	No	O NA	0	INF	Date	

- A. REQUIREMENT
- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

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SYSTEM:		
Responsible Engineer	T	THE RESIDENCE OF THE PERSON NAMED OF THE PERSO

Responsible Engineer: (System Team Lead)

PART K HEAV	Y LOADS CONSIDER	ATION/SCREENING
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Α.	SY	STEM D	ESIGN BASIS SCREENING
		O Yes O	
	2.	O Yes O	No Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
	3.	O Yes O	No Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?
			If the response to questions 1, 2, and 3 is "No". Disposition as DISCREPANCY and advise the SLE. The OE will process the secondary in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.
	4.	□ Yes □	No Have any cranes located over the system been evaluated under the Unit's heavy loads program?
			If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part K.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.
В.	PR	OGRAM	TOPICAL AREA IS (Check only one):
	0	DISCREP	ANCY (Process per PP-07
		PROGRA	M WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
	0	PROGRA	M IS APPLICABLE

Program/Topical Specialist/Date:

Originating Engineer/Date:

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SYSTEM:		

PART K.1 HEAVY LOADS CHECKLIST

PartK.1	Review	Status	Requirement
Item	Group		Reviewer's Signature
1.		O Yes O No O NA O INF	Date

A. REQUIREMENT

- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

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PART L HIGH AND MODERATE ENERGY LINE BREAKS (HELB/MELB) CONSIDERATION/SCREENING

SY	ST	EM	DI	ESIG	N BASIS SCREENING
1.	0	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
2.	0	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
3.	0	Yes	0	No	Has "NECo considered or addressed the pote tial impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?
					If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.
4.	0	Yes	0	No	Has the effect of pipe rupture and/or breaks in the system been evaluated for the impact on safe shutdown components/systems in accordance with the licensing basis?
					If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part L.1 checklists. I "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.

(System Team Lead)

B. PROGRAM/TOPICAL AREA IS (Check only one):

D DISCREPANCY	Process per PP-07
D PROGRAM WAS	CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
☐ PROGRAM IS AF	PLICABLE
Dengeram/Tonical Specie	Not/Date.
Program/Topical Specia	HIST/LPate:

6/30/97

MILLSTONE UNIT 2	
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SYSTEM DESIGN INPUT ANI)
LICENSING BASIS	
CHECKLIST	

DOCUMENT ID:	RC-SLB-	Page 22 of xx
SYSTEM CODE:		
SYSTEM:		
Responsible Engineer	_	

PART L.1 HIGH AND MODERATE ENERGY LINE BREAKS (HELB/MELB) CHECKLIST

PartL.1 Item		Requirement Reviewer's Signature
1.	O Yes O No O NA O INF	Date

- A. REQUIREMENT
- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

A SYSTEM DESIGN BASIS SCREENING

DOCUMENT ID:	RC-SLB-	Page 23 of xx
SYSTEM CODE:		
SYSTEM:	fa	

Responsible Engineer: (System Team Lead)

PART M INSERVICE	INSPECTION CONSIDER	ATION/SCREENING
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2.00		DE BUTTE BERUNK	DADE SCREENING
	1.	O Yes O No	Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
	2.	O Yes O No	Has NNECo considered or addressed the potential impact on this system for the

program/topical area within the FSAR?

3. The Yes No Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?

If the response to questions 1, 2, <u>and</u> 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, <u>or</u> 3 is "Yes," continue with next question.

4. The Yes In No are the piping and components of the system included in the unit's inservice inspection program where appropriate?

If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part M.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.

B. PROGRAM/TOPICAL AREA IS (Check only one):

D PROGRAM IS APPLICABLE

Originating Engineer/Date:

- ☐ DISCREPANCY (Process per PP-07
- □ PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM

Program/Topical Specialist/Date:

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MILLSTONE UNIT 2
ICAVP SVSR
SYSTEM DESIGN INPUT AND
LICENSING BASIS
CHECKLIST

DOCUMENT ID:	RC-SLB-	Page 24 of xx
SYSTEM CODE:		
SYSTEM:		

(System Team Lead)

PART M.1 INSERVICE INSPECTION CHECKLIST

PartM.1 Review Item Group Status			Requirement Reviewer's Signature
1.		D Yes D No D NA D INF	Date

A. REQUIREMENT

- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

MILLSTONE UNIT 2
ICAVP SVSR
SYSTEM DESIGN INPUT AND
LICENSING BASIS
CHECKLIST

DOCUMENT ID:	RC-SLB-	Page 25 of xx
SYSTEM CODE:		
SYSTEM:		
Responsible Engineer	T	

PART N INSERVICE TESTING/10 CFR50 APPENDIX J TESTING CONSIDERATION/SCREENING

	CIR COMPAND A	-		-	
A.	SYSTEM	DESIGN	BASIS	SCREENIN	G

1.

Yes

No Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?

(System Team Lead)

- 2. The Yes of No Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
- 3. The Yes No Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?

If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.

4. The Yes No Are the components in the system covered by the unit's inservice testing program where appropriate? (ASME Section XI or Appendix J)

If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part N.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.

B. PROGRAM/TOPICAL AREA IS (Check only one):

- DISCREPANCY (Process per PP-07
- PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
- D PROGRAM IS APPLICABLE

Program/Topical Specialist/Date:
Originating Engineer/Date:

6/30/97

MILLSTONE UNIT 2
ICAVP SVSR
SYSTEM DESIGN INPUT AND
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CHECKLIST

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SYSTEM:		
SYSTEM:		

Responsible Engineer: (System Team Lead)

PART N.1 INSERVICE TESTING/10 CFR50 APPENDIX J TESTING CHECKLIST

PartN.1 Item	Review Group		Requirement Reviewer's Signature
1.		O Yes O No O NA O INF	Date

- A. REQUIREMENT
- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

MILLSTONE UNIT 2
ICAVP SVSR
SYSTEM DESIGN INPUT AND
LICENSING BASIS
CHECKLIST

DOCUMENT ID:	RC-SLB-	Page 27 of xx
SYSTEM CODE:		The state of the s
SYSTEM:		
Responsible Engineer: (System Team Lead)		AMERICAN STREET, STREE

PART O IPEEE CONSIDERATION/SCREENING

	A.	SYSTEM	DESIGN	BASIS	SCREENING
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- 1. The Yes In No Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
- 2. The Yes No Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
- 3.

 Yes

 No

 Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?

If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.

4. The Yes No Has the protection of the system been considered the unit's Individual Plant Examination for External Events? (IPEEE)

If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part O.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.

B. PROGRAM/TOPICAL AREA IS (Check only one):

- O DISCREPANCY (Process per PP-07
- PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
- PROGRAM IS APPLICABLE

Program/Topical Specialist/Date:

Originating Engineer/Date:

MILLSTONE UNIT 2
ICAVP SVSR
SYSTEM DESIGN INPUT AND
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CHECKLIST

DOCUMENT ID:	RC-SLB-	Page 28 of xx
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Responsible Engineer.		A CONTRACTOR OF THE CONTRACTOR

PART O.1 IPEEE CHECKLIST

PartO.1 Item	Review Group	Status	Requirement Reviewer's Signature
1.		O Yes O No O NA O INF	Date

- A. REQUIREMENT
- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

MILLSTONE UNIT 2
ICAVP SVSR
SYSTEM DESIGN INPUT AND
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CHECKLIST

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(System Team Lead)

PART P MASTER EQUIPMENT AND PARTS LIST (MEPL) CONSIDERATION/SCREENING

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- 1. The Yes of No Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
- 2.

 O Yes

 No Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
- 3. Yes No Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?

If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.

4. The Yes The No Are the system components correctly entered into the Master Equipment and Parts List?

If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part P.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.

B. PROGRAM/TOPICAL AREA IS (Check only one):

- DISCREPANCY (Process per PP-07
- D PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
- T PROGRAM IS APPLICABLE

Program/Topical Specialist/Date:

Originating Engineer/Date:

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MILLSTONE UNIT 2
ICAVP SVSR
SYSTEM DESIGN INPUT AND
LICENSING BASIS
CHECKLIST

DOCUMENT ID:	RC-SLB-	Page 30 of xx
SYSTEM CODE:		
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Responsible Engineer	T	ACCOUNTS OF THE PARTY OF THE PA
(System Team Lead)		

PART P.1 M	ASTER EQUIPMENT	AND PARTS LIST	(MEPL) CHECKLIST
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PartP.1 Item	Review Group	Status	Requirement Reviewer's Signature
1.		O Yes O No O NA O INF	Date

A. REQUIREMENT

- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

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SYSTEM DESIG	N INPUT AND
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Responsible Ingineer:
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PART Q REGUL	ATORY GUIDE	1.97	COMPLI*	3
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ONSIDERATION/SCREENING

A. SYSTEM DESIGN BASIS SCI	REE	VINC
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- 1. The Yes The Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
- 2. The Yes No Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
- 3. The Yes The Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?

If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.

4.

Yes

No Does the system contain the required instrumentation and indication for licensing basis compliance with Regulatory Guide 1.97?

If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part Q.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.

B. PROGRAM/TOPICAL AREA IS (Check only one):

- DISCREPANCY (Process per PP-07
- PROGRAM WAS CONSIDERED BUT IS NOT A PLICABLE TO SYSTEM
- PROGRAM IS APPLICABLE

Program/Topical Specialist/Date:

Originating Engineer/Date:

MILLSTONE UNIT 2
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SYSTEM:		
Responsible Engineer	-	

PART Q.1 REGULATORY GUIDE 1.97 COMPLIANCE CHECKLIST

PartQ.1 Item	Review Group		Requirement Reviewer's Signature
1.		O Yes O No O NA O INF	Date

- A. REQUIREMENT
- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

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SYSTEM DESIGN	INPUT AND
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(System Team Lead)

ART	R	NAME AND DESCRIPTION OF THE PERSON OF THE PE	SEI	PA	RAT	ION/INDEPZNDENCE/DIVERSITY CONSIDERATION/SCREENING
A.	Sì	ST	EM	DI	ESIG	N BASIS SCREENING
	1.	O	Yes	0	No	Has N NECo considered or addressed the potential impact on this system for the program topical area during the initiation of the program?
	2.	0	Yes	0	No	H's NNECo considered or addressed the potential impact on this system for the program/topical area hin the FSAR?
	3.	0	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?
						If the response to questions 1, 2, and 3 is "No", Pisposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.
	4.	0	Yes	0	No	Does the system comply with the licensing basis for separation/independence/ or diversity?
						If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part R.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.
B.	PR	00	RA	M/	ТОРІ	CAL AREA IS (Check only one):
		DI	SCR	EP.	ANCY	(Process per PP-07
		PR	OGI	RAI	M WA	S CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
	0	PR	OGI	RAI	MISA	PPLICABLE
	Pro	ors	m/To	nic	al Spec	ialist/Date:
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MILLSTONE UNIT 2
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CHECKLIST

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SYSTEM:		
Responsible Engineer		

(System Team Lead)

PART R.1 SEPARATION/INDEPENDENCE/DIVERSITY CHECKLIST

PartR.1 Item	Review Group	Status	Requirement Reviewer's Signature
1.		O Yes O No O NA O INF	Date

A. REQUIREMENT

- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

MILLSTONE UNIT 2
ICAVP SVSR
SYSTEM DESIGN INPUT AND
LICENSING BASIS
CHECKLIST

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SYSTEM CODE:		
SYSTEM:		
	Y	
Responsible Engineer: (System Team Lead)	THE COLUMN	

PART S SET POINT CONTROL CONSIDERATION/SCREENING

A. SYSTEM DESIGN BASIS SCREENING

- 1. The Yes of No Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
- 2.

 Yes

 No Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
- 3. Of Yes Of No Has NNECo considered or addressed the potential im act on this system for the program/topical area being reviewed within current () system design criteria, (2) modification process or (3) design input?

If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepance in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.

4. The Yes No Does the system have instruments that require evaluation for the use of correct procedures and controls to establish setpoints?

If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part S.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.

B. PROGRAM/TOPICAL AREA IS (Check only one):

- DISCREPANCY (Process per PP-07
- PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
- D PROGRAM IS APPLICABLE

Program/Topical Specialist/Date:
Originating Engineer/Date:

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MILLSTONE UNIT 2
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SYSTEM DESIGN INPUT AND
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CHECKLIST

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Responsible Engineer	T	THE REAL PROPERTY AND THE PARTY AND THE PART

PART S.1 SET POINT CONTROL CHECKLIST

PartS.1 Review Item Group Status		Status	Requirement Reviewer's Signature
1.		O Yes O No O NA O INF	Date

- A. REQUIREMENT
- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

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SYSTEM:		

Responsible Engineer. (System Team Lead)

PART T	SINGLE FAILURE	CONSIDERA	TION/SCREENING
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A.	SYST	EM	DESIGN	BASIS	SCREENING
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- 1.

 Yes

 No Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
- 2. The Yes No Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
- 3.

 Yes

 No

 Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?

If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.

4. Yes No Does the system design consider single failure vulnerabilities and include provision for assuring operability of the safely function with a single failure?

If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part T.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.

B. PROGRAM/TOPICAL AREA IS (Check only one):

- ☐ DISCREPANCY (Process per PP-07
- PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
- PROGRAM IS APPLICABLE

Program/Topical Specialist/Date:
Originating Engineer/Date:

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Responsible Engineer:	T	

PART T.1 SINGLE FAILURE CHECKLIST

PartT.1	Review		Requirement			
Item	Group	Status	Reviewer's Signature			
1.		O Yes O No O NA O INF	Date			

- A. REQUIREMENT
- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

MILLSTONE UNIT 2
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SYSTEM:		
Responsible Engineer: (System Team Lead)	T	

PART U	STATION BL	ACKOUT	CONSIDERA	TION/SCREENING
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1		0	Y	es	0	ESIC No	GN BASIS SCREENING Has NNECo considered or addressed the potential impact on this system for the
2		0				No	Has NNECo considered or addressed the potential impact on this system for the
			Y	es	-		program/topical area during the initiation of the program?
3		0				No	Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
			Y	es	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?
							If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.
4		0	Y	S	0	No	Is the system or any components of the system used for Station Blackout coping?
							If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part U.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.
. P	R	00	GR	A!	M	TOF	PICAL AREA IS (Check only one):
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0	7						AS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
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MILLSTONE UNIT 2
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SYSTEM DESIGN INPUT AND
LICENSING BASIS
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Responsible Engineer: (System Team Lead)

PART U.1 STATION BLACKOUT CHECKLIST

PartU.1 Item	Review Group	Status	Requirement Reviewer's Signature
1.		O Yes O No O NA O INF	Date

- A. REQUIREMENT
- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

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PART	V		10	CFR	50 APPENDIX R CONSIDERATION/SCREENING
A.	S	YST	EM	DES	IGN BASIS SCREENING
	1.	D	Yes	ON	Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
	2.	0	Yes	O N	Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
	3.	0	Yes	O N	Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?
					If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with next question.
	4.	0	Yes	O No	Is the system or any of the system components required for Appendix R safe shull
					If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part V.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.
В.	PF	ROG	RA	M/T	OPICAL AREA IS (Check only one):
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	0				WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
	0				S APPLICABLE
	Pro	ogran	/To	pical !	Specialist/Date:
	Or	iginat	ing	Engin	eer/Date:

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SYSTEM CODE:		
SYSTEM:		
Responsible Engineer	T	ACTION OF THE CONTRACT OF THE

PART V.1 10 CFR50 APPENDIX R CHECKLIST

PartV.1 Item	Review Group	Status	Requirement Reviewer's Signature
1.		O Yes O No O NA O INF	Date

- A. REQUIREMENT
- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

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SYSTEM:	7	
Responsible Engineer	1	
(System Team Lead)		

PART	W	EMILINE	USI	A	-46 S	EISMIC QUALIFICATION CONSIDERATION/SCREENING
Α.	SY	ST	EM	DE	ESIGN	N BASIS SCREENING
	1.	0	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area during the initiation of the program?
	2.	D	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area within the FSAR?
	3.	0	Yes	0	No	Has NNECo considered or addressed the potential impact on this system for the program/topical area being reviewed within current (1) system design criteria, (2) modification process or (3) design input?
						If the response to questions 1, 2, and 3 is "No", Disposition as DISCREPANCY and advise the SLE. The OE will process the discrepancy in accordance with PP-07. If response to questions 1, 2, or 3 is "Yes," continue with nex question.
	4.	0	Yes	0	No	Does the system and/or the components require seismic qualification/operability capability to perform a safe shutdown function?
						If Yes, Disposition as PROGRAM IS APPLICABLE. Complete Part W.1 checklists. If "No," disposition as PROGRAM WAS CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM.
В.	PR	OG	RA	M/	TOPI	CAL AREA IS (Check only one):
	0	DI	SCR	EP/	ANCY	(Process per PP-07
		PR	OGI	RAN	M WAS	S CONSIDERED BUT IS NOT APPLICABLE TO SYSTEM
	O	PR	OGF	RAN	M IS A	PPLICABLE
	Pro	grat	n/To	pics	al Speci	ialist/Date:

Originating Engineer/Date:

MILLSTONE UNIT 2
ICAVP SVSR
SYSTEM DESIGN INPUT AND
LICENSING BASIS
CHECKLIST

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SYSTEM CODE:		
SYSTEM:		
SISIEM:		
DEGE ELIVE.		

Responsible Engineer: (System Team Lead)

PART W.1 USI A-46 SEISMIC QUALIFICATION CHECKLIST

PartW.1 Item		Requirement Reviewer's Signature
1.	O Yes O No O NA O INF	Date

A. REQUIREMENT

- B. REQUIREMENT IS CONSIDERED AS:
 - ☐ SATISFYING INTENT OF LICENSING/DESIGN BASIS ☐ DISCREPANCY (Process per PP-07)
- C. REFERENCE(S) & SOURCE/ REVISION/ DATE:
- D. REVIEW SUMMARY/RESULT

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SYSTEM:		
Responsible Engineer:	THE RESERVE ASSESSMENT OF THE PARTY OF THE P	

PART X SYSTEM COMPONENT DATA REQUIREMENTS

TO BE PROVIDED LATER