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Screening and Evaluation Number		Applicable Sites	
EREG #: <u>02279019</u>		BNP	<input type="checkbox"/>
		CNS	<input type="checkbox"/>
		CR3	<input type="checkbox"/>
		HNP	<input type="checkbox"/>
5AD #: <u>02278951</u>		MNS	<input checked="" type="checkbox"/>
		ONS	<input type="checkbox"/>
		RNP	<input type="checkbox"/>
		GO	<input type="checkbox"/>
Document and Revision	Emergency Plan Section D 19-01		

Part I. Description of Activity Being Reviewed (event or action, or series of actions that may result in a change to the emergency plan or affect the implementation of the emergency plan):

Change #	Plan Section	Current Revision	Proposed Revision	Reason
1	Section D	Table of Contents Rev 18-3	Table of Contents Rev 19-1	Update page numbers for Rev 19-1. Editorial
2	Section D Section 1.0	This information may assist the Emergency Coordinator/EOF Director in making classifications, particularly those involving judgment or multiple events.	This information may assist the Emergency Coordinator in making classifications, particularly those involving judgment or multiple events.	Removed 'EOF Director' as he/she no longer has responsibility for classification.
3	Section D Section 2.3	<u>Alert:</u> Any loss or any potential loss of either Fuel Clad or NCS barrier <u>Site</u> <u>Area Emergency:</u>	<u>Alert:</u> Any loss or any potential loss of either Fuel Clad or NCS barrier <u>Site Area Emergency:</u>	Added carriage return between 'barrier' and 'Site'. Editorial
4	Section D Section 2.4	EALs applicable under <u>all</u> plant operating modes –	EALs applicable under <u>all</u> plant operating modes –	Removed underline after 'all' and before 'plant'. Editorial
5	Section D Section 2.4	EALs applicable only under <u>hot</u> operating modes –	EALs applicable only under <u>hot</u> operating modes –	Removed underline after 'hot' and before 'operating'. Editorial
6	Section D Section 2.4	EALs applicable only under <u>cold</u> operating modes –	EALs applicable only under <u>cold</u> operating modes –	Removed underline after 'cold' and before 'operating'. Editorial
7	Section D Section 2.4	The MNS EAL categories are aligned	The MNS EAL categories are aligned	Added space between '99- 01' and

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		to and represent the NEI 99- 01"Recognition Categories."	to and represent the NEI 99- 01 "Recognition Categories."	"Recognition'. Editorial
8	Section D Section 3.2.7, 1 st paragraph, 2 nd sentence	This situation can occur when personnel discover that an event or condition existed which met an EAL, but no emergency was declared, and the event or condition no longer exists at the time of discovery	This situation can occur when personnel discover that an event or condition existed which met an EAL, but no emergency was declared, and the event or condition no longer exists at the time of discovery	Added space between 'or' and 'condition'. Editorial
9	Section D Section 3.3.1	When making an emergency classification, the Emergency Coordinator/EOF Director must consider all information having a bearing on the proper assessment of an Initiating Condition (IC).	When making an emergency classification, the Emergency Coordinator must consider all information having a bearing on the proper assessment of an Initiating Condition (IC).	Removed 'EOF Director' as he/she no longer has responsibility for classification.
10	Section D Section 3.3.1.3	For ICs and EALs that have a stipulated time duration (e.g., 15 minutes, 30 minutes, etc.), the Emergency Coordinator/EOF Director should not wait until the applicable time has elapsed, but should declare the event as soon as it is determined that the condition has exceeded, or will likely exceed, the applicable time.	For ICs and EALs that have a stipulated time duration (e.g., 15 minutes, 30 minutes, etc.), the Emergency Coordinator should not wait until the applicable time has elapsed, but should declare the event as soon as it is determined that the condition has exceeded, or will likely exceed, the applicable time.	Removed 'EOF Director' as he/she no longer has responsibility for classification.
11	Section D Section 3.3.1.6	The NEI 99-01 EAL scheme provides the Emergency Coordinator/EOF Director with the ability to classify events and conditions based upon judgment using EALs that are consistent with the Emergency Classification Level (ECL) definitions (refer to Category H). The	The NEI 99-01 EAL scheme provides the Emergency Coordinator with the ability to classify events and conditions based upon judgment using EALs that are consistent with the Emergency Classification Level (ECL) definitions (refer to Category H). The Emergency Coordinator	Removed 'EOF Director' as he/she no longer has responsibility for classification.

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		Emergency Coordinator/EOF Director will need to determine if the effects or consequences of the event or condition reasonably meet or exceed a particular ECL definition.	will need to determine if the effects or consequences of the event or condition reasonably meet or exceed a particular ECL definition.	
12	Section D Section 3.2.3	Although EALs provide specific thresholds, the Emergency Coordinator/EOF Director must remain alert to events or conditions that could lead to meeting or exceeding an EAL within a relatively short period of time (i.e., a change in the ECL is IMMEDIATE). If, in the judgment of the Emergency Coordinator/EOF Director, meeting an EAL is IMMEDIATE, the emergency classification should be made as if the EAL has been met.	Although EALs provide specific thresholds, the Emergency Coordinator must remain alert to events or conditions that could lead to meeting or exceeding an EAL within a relatively short period of time (i.e., a change in the ECL is IMMEDIATE). If, in the judgment of the Emergency Coordinator, meeting an EAL is IMMEDIATE, the emergency classification should be made as if the EAL has been met.	Removed 'EOF Director' as he/she no longer has responsibility for classification.
13	Section D Section 3.2.6	The provision discussed above addresses only those rapidly evolving situations when an operator is able to take a successful corrective action prior to the Emergency Coordinator/EOF Director completing the review and steps necessary to make the emergency declaration.	The provision discussed above addresses only those rapidly evolving situations when an operator is able to take a successful corrective action prior to the Emergency Coordinator completing the review and steps necessary to make the emergency declaration.	Removed 'EOF Director' as he/she no longer has responsibility for classification.
14	Section D Section 5.2 Abbreviations /Acronyms	NA	NA	Removed and added spaces/periods for alignment. Editorial
15	Section D Section 6.0 Table	NA	NA	Centered text in columns. Editorial
16	Section D – 5.1 Definitions,	Overpressurization	Over pressurization	Added space between 'over' and

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	Explosion, 1 st sentence; CA6.1, Definitions, Explosion, 1 st sentence; SA9.1, Definitions, Explosion, 1 st sentence;			'pressurization'. Editorial
17	Section D Attachment 1 EAL Bases: RU1.1, RU1.2, RA1.1, RA1.3, RA1.4, RS1.1, RS1.3, RG1.1, RG1.3, RG2.1, CU1.1, CA1.2, CS1.1, CG1.1, CU2.1, CA2.1, CU3.2, CA3.1, CU4.1, HU4.1, HU4.2, HU4.3, HS6.1, SU1.1, SA1.1, SS1.1, SG1.1, SG1.2, SS2.1, SU3.1, SA3.1, SU5.1, SU8.1; Attachment 2: Barrier: Containment, Category: D. CMT Integrity or Bypass, Degradation Threat: Potential Loss, Threshold: 3	Note 1: The Emergency Coordinator/EOF Director should declare the event promptly upon determining that time limit has been exceeded, or will likely be exceeded.	Note 1: The Emergency Coordinator should declare the event promptly upon determining that time limit has been exceeded, or will likely be exceeded.	Removed 'EOF Director' as he/she no longer has responsibility for classification.
18	Section D Attachment 1, EAL Bases, CA1.1, 1 st paragraph of Basis,	5.1 in. above hotleg centerline (rounded to 5 in.) NCS level indication is the lowest level to assure adequate net positive suction head and prevent ND pump cavitation and air entrainment for all flow rates (ref. 1).	5.1 in. above hotleg centerline (rounded to 5 in.) NCS level indication is the lowest level to assure adequate net positive suction head and prevent ND pump cavitation and air entrainment for all flow rates (ref. 1).	Corrected spelling of 'rounded'. Editorial
19	Section D Attachment 1, EAL Bases, CA2.1	NA	Definition(s): None	Added text to be consistent with other EALs.
20	Section D Attachment 1, EAL Bases, CG1.1, 14 th paragraph of Basis, last sentence	Sump and/or tank level changes must be evaluated against other potential sources of water flow to ensure they are indicative of leakage from theNCS.	Sump and/or tank level changes must be evaluated against other potential sources of water flow to ensure they are indicative of leakage from the NCS.	Added space between 'the' and 'NCS'. Editorial

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21	Section D Attachment 1, EAL Bases, CU3.1, 3 rd paragraph of Basis	This IC addresses an UNPLANNED increase in NCS temperature above the Technical Specification cold shutdown temperature limit and represents a potential degradation of the level of safety of the plant.	This IC addresses an UNPLANNED increase in NCS temperature above the Technical Specification cold shutdown temperature limit and represents a potential degradation of the level of safety of the plant.	Added space between 'limit' and 'and'. Editorial
22	Section D Attachment 1, EAL Bases, SU1.1	Definition(s): None Basis:	Definition(s): None Basis:	Removed extra 'Basis.' Editorial
23	Section D Attachment 1, EAL Bases, SU5.1	NA	Failure to isolate the leak within 15 minutes, or if known that the leak cannot be isolated within 15 minutes from the start of the leak, requires immediate classification.	Added paragraph per NTM 02187203 based on Operating Experience from Catawba. This will assure classification within 15 minutes of indication that an EAL was or will be exceeded.
24	Section D Attachment 1, EAL Bases, SU6.1	Mode Applicability: 1 1- Power Operations	Mode Applicability: 1- Power Operations	Removed extra '1' Editorial
25	Section D Attachment 1, EAL Bases, SU6.1, 8 th paragraph of Bases	Following the failure on an automatic reactor trip, operators will promptly initiate manual actions at the reactor control consoles to shutdown the reactor (e.g., initiate a manual reactor trip).	Following the failure on an automatic reactor trip, operators will promptly initiate manual actions at the reactor control consoles to shut down the reactor (e.g., initiate a manual reactor trip).	Added space between 'shut' and 'down' and removed space between 'trip' and ')'. Editorial
26	Section D Attachment 1, EAL Bases, SU6.1, 9 th paragraph of Bases	If an initial manual reactor trip is unsuccessful, operators will promptly take manual action at another location(s) on the reactor control consoles to shutdown the reactor (e.g., initiate a manual reactor trip using a different switch).	If an initial manual reactor trip is unsuccessful, operators will promptly take manual action at another location(s) on the reactor control consoles to shut down the reactor (e.g., initiate a manual reactor trip using a different switch).	Added space between 'shut' and 'down'. Editorial
27	Section D Attachment 1, EAL Bases, SU6.1, Last paragraph of Bases, 2 nd bullet	and the RPS fails to automatically shutdown the reactor, then this IC and the EALs are applicable, and should be evaluated.	and the RPS fails to automatically shut down the reactor, then this IC and the EALs are applicable, and should be evaluated.	Added space between 'shut' and 'down'. Editorial

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28	Section D Attachment 1, EAL Bases, SU6.2, 6 th paragraph of Bases	Following the failure on an automatic reactor trip, operators will promptly initiate manual actions at the reactor control consoles to shutdown the reactor (e.g., initiate a manual reactor trip).	Following the failure on an automatic reactor trip, operators will promptly initiate manual actions at the reactor control consoles to shut down the reactor (e.g., initiate a manual reactor trip).	Added space between 'shut' and 'down'. Editorial
29	Section D Attachment 1, EAL Bases, SU6.2, 6 th paragraph of Bases	If an initial manual reactor trip is unsuccessful, operators will promptly take manual action at another location(s) on the reactor control consoles to shutdown the reactor (e.g., initiate a manual reactor trip using a different switch).	If an initial manual reactor trip is unsuccessful, operators will promptly take manual action at another location(s) on the reactor control consoles to shut down the reactor (e.g., initiate a manual reactor trip using a different switch).	Added space between 'shut' and 'down'. Editorial
30	Section D Attachment 1, EAL Bases, SU6.1, Last paragraph of Bases, 1 st bullet	If the signal causes a plant transient that should have included an automatic reactor trip and the RTS fails to automatically shutdown the reactor, then this IC and the EALs are applicable, and should be evaluated.	If the signal causes a plant transient that should have included an automatic reactor trip and the RTS fails to automatically shut down the reactor, then this IC and the EALs are applicable, and should be evaluated.	Added space between 'shut' and 'down'. Editorial
31	Section D Attachment 1, EAL Bases, SA6.1, 5th paragraph of Bases	This IC addresses a failure of the RPS to initiate or complete an automatic or manual reactor trip that results in a reactor shutdown, and subsequent operator manual actions taken at the reactor control consoles to shutdown the reactor are also unsuccessful.	This IC addresses a failure of the RPS to initiate or complete an automatic or manual reactor trip that results in a reactor shutdown, and subsequent operator manual actions taken at the reactor control consoles to shut down the reactor are also unsuccessful.	Added space between 'shut' and 'down'. Editorial
32	Section D Attachment 1, EAL Bases, SA6.1, 6th paragraph of Bases, last sentence	Actions taken at backpanels or other locations within the Control Room, or any location outside the Control Room, are not considered to be "at the reactor control	Actions taken at back panels or other locations within the Control Room, or any location outside the Control Room, are not considered to be "at the reactor control	Added space between 'back' and 'panels'. Editorial

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33	Section D Attachment 1, EAL Bases, SS6.1, 7 th paragraph of Bases	console". 5% rated power is a minimum reading on the power range scale that indicates continued power production. It also approximates the decay heat which the shutdown systems were designed to remove and is indicative of a condition requiring immediate response to prevent subsequent core damage. Below 5%, plant response will be similar to that observed during a normal shutdown. Nuclear instrumentation can be used to determine if reactor power is greater than 5% power (ref. 1, 4).	console". 5% rated power is a minimum reading on the power range scale that indicates continued power production. It also approximates the decay heat which the shutdown systems were designed to remove and is indicative of a condition requiring immediate response to prevent subsequent core damage. Below 5%, plant response will be similar to that observed during a normal shutdown. Nuclear instrumentation can be used to determine if reactor power is greater than 5% power (ref. 1, 4).	Removed extra spaces between 'designed' and 'to' and 'a' and 'normal'. Editorial
34	Section D Attachment 1, EAL Bases, SS6.1, 10 th paragraph of Bases	The inclusion of this IC and EAL ensures the timely declaration of a Site Area Emergency in response to prolonged failure to shutdown the reactor.	The inclusion of this IC and EAL ensures the timely declaration of a Site Area Emergency in response to prolonged failure to shut down the reactor.	Added space between 'shut' and 'down'. Editorial
35	Section D Attachment 1 EAL Bases, Category H, 7. Emergency Coordinator Judgment	The EALs of this category provide the Emergency Coordinator/EOF Director the latitude to classify emergency conditions consistent with the established classification criteria based upon Emergency Coordinator/EOF Director judgment.	The EALs of this category provide the Emergency Coordinator the latitude to classify emergency conditions consistent with the established classification criteria based upon Emergency Coordinator judgment.	Removed 'EOF Director' as he/she no longer has responsibility for classification.
36	Section D Attachment 1 EAL Bases, HU1.1, 5 th paragraph of Basis	This threshold references the Security Shift Supervision because these are the individuals trained to confirm that a security event is occurring or has occurred.	This threshold references the Security Shift Supervision because these are the individuals trained to confirm that a security event is occurring or has occurred.	Corrected spelling of 'Supervision'. Editorial

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37	Section D Attachment 1 EAL Bases, Category H, HU7.1 Initiating Condition	Other conditions exist that in the judgment of the Emergency Coordinator/EOF Director warrant declaration of an Alert	Other conditions existing that in the judgment of the Emergency Coordinator warrant declaration of a UE	Removed 'EOF Director' as he/she no longer has responsibility for classification
38	Section D Attachment 1 EAL Bases, Category H, HU7.1 EAL	Other conditions exist which in the judgment of the Emergency Coordinator/EOF Director indicate that events are in progress or have occurred which indicate a potential degradation of the level of safety of the plant or indicate a security threat to facility protection has been initiated. No releases of radioactive material requiring offsite response or monitoring are expected unless further degradation of SAFETY SYSTEMS occurs.	Other conditions exist which in the judgment of the Emergency Coordinator indicate that events are in progress or have occurred which indicate a potential degradation of the level of safety of the plant or indicate a security threat to facility protection has been initiated. No releases of radioactive material requiring offsite response or monitoring are expected unless further degradation of SAFETY SYSTEMS occurs.	Removed 'EOF Director' as he/she no longer has responsibility for classification
39	Section D Attachment 1 EAL Bases, Category H, HU7.1 Basis	The Emergency Coordinator/EOF Director are the designated onsite individuals having the responsibility and authority for implementing the MNS Emergency Response Plan. The Operations Shift Manager (SM) initially acts in the capacity of the Emergency Coordinator/EOF Director and takes actions as outlined in the Emergency Plan implementing procedures. If required by the emergency classification or if deemed appropriate by the Emergency	The Emergency Coordinators are the designated onsite individuals having the responsibility and authority for implementing the MNS Emergency Response Plan. The Operations Shift Manager (SM) initially acts in the capacity of the Emergency Coordinator and takes actions as outlined in the Emergency Plan implementing procedures. If required by the emergency classification or if deemed appropriate by the Emergency Coordinator, emergency response	Changed 'The Emergency Coordinator/EOF Director are the designated ...' to 'The Emergency Coordinators are the designated ...'. Pluralized 'Emergency Coordinator' for grammatical correctness. Removed 'EOF Director' as he/she no longer has responsibility for classification.

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		<p>Coordinator/EOF Director, emergency response personnel are notified and instructed to report to their emergency response locations. In this manner, the individual usually in charge of activities in the Control Room is responsible for initiating the necessary emergency response, but Plant Management is expected to manage the emergency response as soon as available to do so in anticipation of the possible wide-ranging responsibilities associated with managing a major emergency (ref. 1).</p> <p>This IC addresses unanticipated conditions not addressed explicitly elsewhere but that warrant declaration of an emergency because conditions exist which are believed by the Emergency Coordinator/EOF Director to fall under the emergency classification level description for an Unusual Event.</p>	<p>personnel are notified and instructed to report to their emergency response locations. In this manner, the individual usually in charge of activities in the Control Room is responsible for initiating the necessary emergency response, but Plant Management is expected to manage the emergency response as soon as available to do so in anticipation of the possible wide-ranging responsibilities associated with managing a major emergency (ref. 1).</p> <p>This IC addresses unanticipated conditions not addressed explicitly elsewhere but that warrant declaration of an emergency because conditions exist which are believed by the Emergency Coordinator to fall under the emergency classification level description for an Unusual Event.</p>	
40	Section D Attachment 1 EAL Bases, Category H, HA7.1 Initiating Condition	Other conditions exist that in the judgment of the Emergency Coordinator/EOF Director warrant declaration of an Alert	Other conditions exist that in the judgment of the Emergency Coordinator warrant declaration of an Alert	Removed 'EOF Director' as he/she no longer has responsibility for classification.
41	Section D Attachment 1 EAL Bases, Category H, HA7.1 EAL	Other conditions exist which, in the judgment of the Emergency Coordinator/EOF Director,	Other conditions exist which, in the judgment of the Emergency Coordinator, indicate that events are	Removed 'EOF Director' as he/she no longer has responsibility for classification.

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		<p>indicate that events are in progress or have occurred which involve an actual or potential substantial degradation of the level of safety of the plant or a security event that involves probable life threatening risk to site personnel or damage to site equipment because of HOSTILE ACTION. Any releases are expected to be limited to small fractions of the EPA Protective Action Guideline exposure levels.</p>	<p>in progress or have occurred which involve an actual or potential substantial degradation of the level of safety of the plant or a security event that involves probable life threatening risk to site personnel or damage to site equipment because of HOSTILE ACTION. Any releases are expected to be limited to small fractions of the EPA Protective Action Guideline exposure levels.</p>	
42	Section D Attachment 1 EAL Bases, Category H, HA7.1 Basis	<p>The Emergency Coordinator/EOF Director are the designated onsite individuals having the responsibility and authority for implementing the MNS Emergency Response Plan. The Operations Shift Manager (SM) initially acts in the capacity of the Emergency Coordinator and takes actions as outlined in the Emergency Plan implementing procedures. If required by the emergency classification or if deemed appropriate by the Emergency Coordinator, emergency response personnel are notified and instructed to report to their emergency response locations. In this manner, the individual usually in charge of activities in</p>	<p>The Emergency Coordinators are the designated onsite individuals having the responsibility and authority for implementing the MNS Emergency Response Plan. The Operations Shift Manager (SM) initially acts in the capacity of the Emergency Coordinator and takes actions as outlined in the Emergency Plan implementing procedures. If required by the emergency classification or if deemed appropriate by the Emergency Coordinator, emergency response personnel are notified and instructed to report to their emergency response locations. In this manner, the individual usually in charge of activities in the Control Room is</p>	<p>Changed 'The Emergency Coordinator/EOF Director are the designated ...' to 'The Emergency Coordinators are the designated ...'. Pluralized 'Emergency Coordinator' for grammatical correctness. Removed 'EOF Director' as he/she no longer has responsibility for classification.</p>

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		<p>the Control Room is responsible for initiating the necessary emergency response, but Plant Management is expected to manage the emergency response as soon as available to do so in anticipation of the possible wide-ranging responsibilities associated with managing a major emergency (ref.1).</p> <p>This IC addresses unanticipated conditions not addressed explicitly elsewhere but that warrant declaration of an emergency because conditions exist which are believed by the Emergency Coordinator/EOF Director to fall under the emergency classification level description for an Alert.</p>	<p>responsible for initiating the necessary emergency response, but Plant Management is expected to manage the emergency response as soon as available to do so in anticipation of the possible wide-ranging responsibilities associated with managing a major emergency (ref.1).</p> <p>This IC addresses unanticipated conditions not addressed explicitly elsewhere but that warrant declaration of an emergency because conditions exist which are believed by the Emergency Coordinator to fall under the emergency classification level description for an Alert.</p>	
43	Section D Attachment 1 EAL Bases, Category H, HS7.1 Initiating Condition	Other conditions existing that in the judgment of the Emergency Coordinator/EOF Director warrant declaration of a Site Area Emergency	Other conditions existing that in the judgment of the Emergency Coordinator warrant declaration of a Site Area Emergency	Removed 'EOF Director' as he/she no longer has responsibility for classification
44	Section D Attachment 1 EAL Bases, Category H, HS7.1 EAL	Other conditions exist which in the judgment of the Emergency Coordinator/EOF Director indicate that events are in progress or have occurred which involve actual or likely major failures of plant functions needed for protection of the public or HOSTILE ACTION	Other conditions exist which in the judgment of the Emergency Coordinator indicate that events are in progress or have occurred which involve actual or likely major failures of plant functions needed for protection of the public or HOSTILE ACTION that	Removed 'EOF Director' as he/she no longer has responsibility for classification

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		that results in intentional damage or malicious acts, (1) toward site personnel or equipment that could lead to the likely failure of or, (2) that prevent effective access to equipment needed for the protection of the public. Any releases are not expected to result in exposure levels which exceed EPA Protective Action Guideline exposure levels beyond the SITE BOUNDARY.	results in intentional damage or malicious acts, (1) toward site personnel or equipment that could lead to the likely failure of or, (2) that prevent effective access to equipment needed for the protection of the public. Any releases are not expected to result in exposure levels which exceed EPA Protective Action Guideline exposure levels beyond the SITE BOUNDARY.	
45	Section D Attachment 1 EAL Bases, Category H, HS7.1 Basis	The Emergency Coordinator/EOF Director are the designated onsite individuals having the responsibility and authority for implementing the MNS Emergency Response Plan. The Operations Shift Manager (SM) initially acts in the capacity of the Emergency Coordinator and takes actions as outlined in the Emergency Plan implementing procedures. If required by the emergency classification or if deemed appropriate by the Emergency Coordinator, emergency response personnel are notified and instructed to report to their emergency response locations. In this manner, the individual usually in	The Emergency Coordinators are the designated onsite individuals having the responsibility and authority for implementing the MNS Emergency Response Plan. The Operations Shift Manager (SM) initially acts in the capacity of the Emergency Coordinator and takes actions as outlined in the Emergency Plan implementing procedures. If required by the emergency classification or if deemed appropriate by the Emergency Coordinator, emergency response personnel are notified and instructed to report to their emergency response locations. In this manner, the individual usually in	Changed 'The Emergency Coordinator/EOF Director are the designated ...' to 'The Emergency Coordinators are the designated ...'. Pluralized 'Emergency Coordinator' for grammatical correctness. Removed 'EOF Director' as he/she no longer has responsibility for classification.

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		<p>charge of activities in the Control Room is responsible for initiating the necessary emergency response, but Plant Management is expected to manage the emergency response as soon as available to do so in anticipation of the possible wide-ranging responsibilities associated with managing a major emergency (ref. 1).</p> <p>This IC addresses unanticipated conditions not addressed explicitly elsewhere but that warrant declaration of an emergency because conditions exist which are believed by the Emergency Coordinator/EOF Director to fall under the emergency classification level description for a Site Area Emergency.</p>	<p>the Control Room is responsible for initiating the necessary emergency response, but Plant Management is expected to manage the emergency response as soon as available to do so in anticipation of the possible wide-ranging responsibilities associated with managing a major emergency (ref. 1).</p> <p>This IC addresses unanticipated conditions not addressed explicitly elsewhere but that warrant declaration of an emergency because conditions exist which are believed by the Emergency Coordinator to fall under the emergency classification level description for a Site Area Emergency.</p>	
46	Section D Attachment 1 EAL Bases, Category H, HG7.1 Initiating Condition	Other conditions exist which in the judgment of the Emergency Coordinator/EOF Director warrant declaration of a General Emergency	Other conditions exist which in the judgment of the Emergency Coordinator warrant declaration of a General Emergency	Removed 'EOF Director' as he/she no longer has responsibility for classification
47	Section D Attachment 1 EAL Bases, Category H, HG7.1 EAL	Other conditions exist which in the judgment of the Emergency Coordinator/EOF Director indicate that events are in progress or have occurred which involve actual or IMMEDIATE substantial core degradation or melting with potential for loss of	Other conditions exist which in the judgment of the Emergency Coordinator indicate that events are in progress or have occurred which involve actual or IMMEDIATE substantial core degradation or melting with potential for loss of containment integrity or	Removed 'EOF Director' as he/she no longer has responsibility for classification. Added period at end of EAL – editorial.

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		containment integrity or HOSTILE ACTION that results in an actual loss of physical control of the facility. Releases can be reasonably expected to exceed EPA Protective Action Guideline exposure levels offsite for more than the immediate site area	HOSTILE ACTION that results in an actual loss of physical control of the facility. Releases can be reasonably expected to exceed EPA Protective Action Guideline exposure levels offsite for more than the immediate site area.	
48	Section D Attachment 1 EAL Bases, Category H, HG7.1 Basis	The Emergency Coordinator/EOF Director are the designated onsite individuals having the responsibility and authority for implementing the MNS Emergency Response Plan. The Operations Shift Manager(SM) initially acts in the capacity of the Emergency Coordinator and takes actions as outlined in the Emergency Plan implementing procedures. If required by the emergency classification or if deemed appropriate by the Emergency Coordinator, emergency response personnel are notified and instructed to report to their emergency response locations. In this manner, the individual usually in charge of activities in the Control Room is responsible for initiating the necessary emergency response, but Plant Management is expected to manage the emergency response as soon as	The Emergency Coordinator are the designated onsite individuals having the responsibility and authority for implementing the MNS Emergency Response Plan. The Operations Shift Manager(SM) initially acts in the capacity of the Emergency Coordinator and takes actions as outlined in the Emergency Plan implementing procedures. If required by the emergency classification or if deemed appropriate by the Emergency Coordinator, emergency response personnel are notified and instructed to report to their emergency response locations. In this manner, the individual usually in charge of activities in the Control Room is responsible for initiating the necessary emergency response, but Plant Management is expected to manage the emergency response as soon as available to do so in	Removed 'EOF Director' as he/she no longer has responsibility for classification

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		<p>available to do so in anticipation of the possible wide-ranging responsibilities associated with managing a major emergency (ref. 1).</p> <p>Releases can reasonably be expected to exceed EPA PAG plume exposure levels outside the Site Boundary.</p> <p>This IC addresses unanticipated conditions not addressed explicitly elsewhere but that warrant declaration of an emergency because conditions exist which are believed by the Emergency Coordinator/EOF Director to fall under the emergency classification level description for a General Emergency.</p>	<p>anticipation of the possible wide-ranging responsibilities associated with managing a major emergency (ref. 1).</p> <p>Releases can reasonably be expected to exceed EPA PAG plume exposure levels outside the Site Boundary.</p> <p>This IC addresses unanticipated conditions not addressed explicitly elsewhere but that warrant declaration of an emergency because conditions exist which are believed by the Emergency Coordinator to fall under the emergency classification level description for a General Emergency.</p>	
49	Section D Attachment 1 EAL Bases, Category F– Fission Product Barrier Degradation, last paragraph/bullet	Alternatively, if both the Fuel Clad and NCS fission product barriers were potentially lost, the Emergency Coordinator/EOF Director would have more assurance that there was no immediate need to escalate to a General Emergency.	Alternatively, if both the Fuel Clad and NCS fission product barriers were potentially lost, the Emergency Coordinator would have more assurance that there was no immediate need to escalate to a General Emergency.	Removed 'EOF Director' as he/she no longer has responsibility for classification
50	Section D Attachment 1 EAL Bases, FS1.1 Basis	Alternatively, if both Fuel Clad and NCS potential loss thresholds existed, the Emergency Coordinator/EOF Director would have greater assurance that escalation to a General Emergency is less	Alternatively, if both Fuel Clad and NCS potential loss thresholds existed, the Emergency Coordinator would have greater assurance that escalation to a General Emergency is less imminent.	Removed 'EOF Director' as he/she no longer has responsibility for classification

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51	Section D Attachment 1, EAL Bases, EAL: HU7.1, HA7.1, HS7.1, HG7.1 – Basis second sentence	imminent. The Operations Shift Manager (SM) initially acts in the capacity of the Emergency Coordinator and takes actions as outlined in the Emergency Plan implementing procedures	The Shift Manager(SM) initially acts in the capacity of the Emergency Coordinator and takes actions as outlined in the Emergency Plan implementing procedures	Deleted 'Operations' before Shift Manager to reflect correct position title. Editorial
52	Section D Attachment 1, Attachment 2, Fission Product Barrier Loss/Potential Loss Matrix and Bases: Barrier: Fuel Clad, Category: E. Emergency Coordinator Judgment, Degradation Threat: Loss, Threshold: 1; Barrier: Fuel Clad, Category: E. Emergency Coordinator Judgment, Degradation Threat: Potential Loss, Threshold: 1; Barrier: Reactor Coolant System, Category: E. Emergency Coordinator Judgment, Degradation Threat: Loss, Threshold: 1; Barrier: Reactor Coolant System, Category: E. Emergency Coordinator Judgment, Degradation Threat: Potential Loss, Threshold: 1; Barrier: Containment, Category: F. Emergency Coordinator Judgment, Degradation Threat: Loss, Threshold: 1;	... Emergency Coordinator/EOF Director Emergency Coordinator ...	Removed 'EOF Director' as he/she no longer has responsibility for classification

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	Barrier: Containment, Category: F. Emergency Coordinator Judgment, Degradation Threat: Potential Loss, Threshold: 1;			
53	Section D Attachment 2 Fission Product Barrier Loss/Potential Loss Matrix and Bases Table	... Emergency Coordinator/EOF Director Emergency Coordinator ...	Removed 'EOF Director' as he/she no longer has responsibility for classification
54	Section D Attachment 2 Fission Product Barrier Loss/Potential Loss Matrix and Bases Table	NA	NA	Added bottom border to table. Editorial
55	Section D Attachment 2 Fission Product Barrier Loss/Potential Loss Matrix and Bases, Barrier: Fuel Clad, Category: E. Emergency Coordinator Judgment, Degradation Threat: Loss, Basis, 3 rd bullet	<u>Dominant accident sequences</u> lead to degradation of all fission product barriers and likely entry to the EOPs. The Emergency Coordinator/EOF Director should be mindful of the Loss of AC power (Station Blackout) and ATWS EALs to assure timely emergency classification declarations.	<u>Dominant accident sequences</u> lead to degradation of all fission product barriers and likely entry to the EOPs. The Emergency Coordinator should be mindful of the Loss of AC power (Station Blackout) and ATWS EALs to assure timely emergency classification declarations.	Removed 'EOF Director' as he/she no longer has responsibility for classification
56	Section D Attachment 2 Fission Product Barrier Loss/Potential Loss Matrix and Bases Table, Barrier: Fuel Clad, Category: B. Inadequate Heat Removal, 1 st paragraph of Basis	Critical Safety Function Status Tree (CSFST) Core Cooling-ORANGE path indicates subcooling has been lost and that some fuel clad damage may potentially occur.	Critical Safety Function Status Tree (CSFST) Core Cooling-ORANGE path indicates subcooling has been lost and that some fuel clad damage may potentially occur.	Removed second 'indicates'. Editorial
57	Section D Throughout	NA	NA	Added/removed spaces and carriage returns and corrected capitalization and indentions. Editorial
58	Section D	Footer - Rev. 18-1 January, 2018	Footer - Rev. 19-1 July, 2019	Editorial

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Part II. Activity Previously Reviewed?				
<p>Is this activity Fully bounded by an NRC approved 10 CFR 50.90 submittal or Alert and Notification System Design Report?</p> <p>If yes, identify bounding source document number or approval reference and ensure the basis for concluding the source document fully bounds the proposed change is documented below:</p> <p>Justification:</p>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	10 CFR 50.54(q) Effectiveness Evaluation is not required. Enter justification below and complete Attachment 4, Part V.	Continue to Attachment 4, 10 CFR 50.54(q) Screening Evaluation Form, Part III		
Bounding document attached (optional)				<input type="checkbox"/>
Part III. Editorial Change				
<p>Is this activity an editorial or typographical change only, such as formatting, paragraph numbering, spelling, or punctuation that does not change intent?</p> <p>Justification:</p> <p>The following changes are Editorial Changes per AD-EP-ALL-0602 and will NOT be evaluated further:</p> <p>1, 3 through 8, 14 through 16, 18, 20 through 22, 24 through 34, 36, 47 (period added at end of EAL), 51, 54, and 56 through 58.</p>	Yes	<input type="checkbox"/>	No or Partially	<input checked="" type="checkbox"/>
	10 CFR 50.54(q) Effectiveness Evaluation is not required. Enter justification and complete Attachment 4, Part V.	Continue to Attachment 4, Part IV and address non editorial changes		
Part IV. Emergency Planning Element and Function Screen (Reference Attachment 1, Considerations for Addressing Screening Criteria)				
Does this activity involve any of the following, including program elements from NUREG-0654/FEMA REP-1 Section II? If answer is yes, then check box.				
1	10 CFR 50.47(b)(1) Assignment of Responsibility (Organization Control)			
1a	Responsibility for emergency response is assigned.			<input type="checkbox"/>
1b	The response organization has the staff to respond and to augment staff on a continuing basis (24-7 staffing) in accordance with the emergency plan.			<input type="checkbox"/>
2	10 CFR 50.47(b)(2) Onsite Emergency Organization			
2a	Process ensures that onshift emergency response responsibilities are staffed and assigned			<input type="checkbox"/>
2b	The process for timely augmentation of onshift staff is established and maintained.			<input checked="" type="checkbox"/>
3	10 CFR 50.47(b)(3) Emergency Response Support and Resources			
3a	Arrangements for requesting and using off site assistance have been made.			<input type="checkbox"/>
3b	State and local staff can be accommodated at the EOF in accordance with the emergency plan. (NA for CR3)			<input type="checkbox"/>

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4	10 CFR 50.47(b)(4) Emergency Classification System	
4a	A standard scheme of emergency classification and action levels is in use. (Requires final approval of Screen and Evaluation by EP CFAM.)	■
5	10 CFR 50.47(b)(5) Notification Methods and Procedures	
5a	Procedures for notification of State and local governmental agencies are capable of alerting them of the declared emergency within 15 minutes (60 minutes for CR3) after declaration of an emergency and providing follow-up notification.	□
5b	Administrative and physical means have been established for alerting and providing prompt instructions to the public within the plume exposure pathway. (NA for CR3)	□
5c	The public ANS meets the design requirements of FEMA-REP-10, Guide for Evaluation of Alert and Notification Systems for Nuclear Power Plants, or complies with the licensee's FEMA-approved ANS design report and supporting FEMA approval letter. (NA for CR3)	□

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Part IV. Emergency Planning Element and Function Screen (cont.)		
6	10 CFR 50.47(b)(6) Emergency Communications	
6a	Systems are established for prompt communication among principal emergency response organizations.	<input type="checkbox"/>
6b	Systems are established for prompt communication to emergency response personnel.	<input type="checkbox"/>
7	10 CFR 50.47(b)(7) Public Education and Information	
7a	Emergency preparedness information is made available to the public on a periodic basis within the plume exposure pathway emergency planning zone (EPZ). (NA for CR3)	<input type="checkbox"/>
7b	Coordinated dissemination of public information during emergencies is established.	<input type="checkbox"/>
8	10 CFR 50.47(b)(8) Emergency Facilities and Equipment	
8a	Adequate facilities are maintained to support emergency response.	<input type="checkbox"/>
8b	Adequate equipment is maintained to support emergency response.	<input type="checkbox"/>
9	10 CFR 50.47(b)(9) Accident Assessment	
9a	Methods, systems, and equipment for assessment of radioactive releases are in use.	<input type="checkbox"/>
10	10 CFR 50.47(b)(10) Protective Response	
10a	A range of public PARs is available for implementation during emergencies. (NA for CR3)	<input type="checkbox"/>
10b	Evacuation time estimates for the population located in the plume exposure pathway EPZ are available to support the formulation of PARs and have been provided to State and local governmental authorities. (NA for CR3)	<input type="checkbox"/>
10c	A range of protective actions is available for plant emergency workers during emergencies, including those for hostile action events.	<input type="checkbox"/>
10d	KI is available for implementation as a protective action recommendation in those jurisdictions that chose to provide KI to the public.	<input type="checkbox"/>
11	10 CFR 50.47(b)(11) Radiological Exposure Control	
11a	The resources for controlling radiological exposures for emergency workers are established.	<input type="checkbox"/>
12	10 CFR 50.47(b)(12) Medical and Public Health Support	
12a	Arrangements are made for medical services for contaminated, injured individuals.	<input type="checkbox"/>
13	10 CFR 50.47(b)(13) Recovery Planning and Post-accident Operations	
13a	Plans for recovery and reentry are developed.	<input type="checkbox"/>
14	10 CFR 50.47(b)(14) Drills and Exercises	
14a	A drill and exercise program (including radiological, medical, health physics and other program areas) is established.	<input type="checkbox"/>
14b	Drills, exercises, and training evolutions that provide performance opportunities to develop, maintain, and demonstrate key skills are assessed via a formal critique process in order to identify weaknesses.	<input type="checkbox"/>
14c	Identified weaknesses are corrected.	<input type="checkbox"/>
15	10 CFR 50.47(b)(15) Emergency Response Training	
15a	Training is provided to emergency responders.	<input type="checkbox"/>

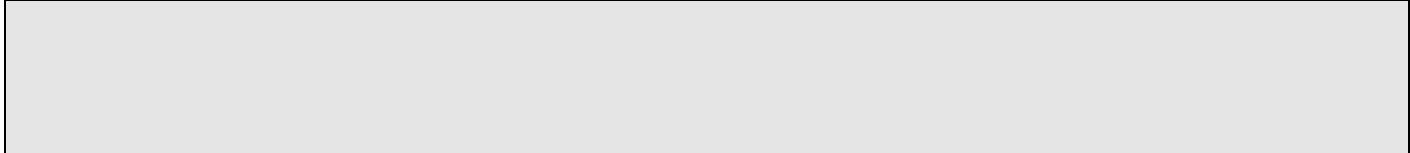
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Part IV. Emergency Planning Element and Function Screen (cont.)		
16	10 CFR 50.47(b)(16) Emergency Plan Maintenance	
16a	Responsibility for emergency plan development and review is established.	<input type="checkbox"/>
16b	Planners responsible for emergency plan development and maintenance are properly trained.	<input type="checkbox"/>

PART IV. Conclusion If no Part IV criteria are checked, then provide Justification and complete Part V below. Justification:		<input type="checkbox"/>
The proposed changes below are considered changes that are more than editorial but do NOT impact an Emergency Planning Standard and need NOT be evaluated further: Change 19 – Added 'Definition(s): None'. Added text to be consistent with other EALs.		
The following Changes are to be evaluated: Removing EOF Director from classify – Changes 2, 9 through 13, 17, 35, 37 through 46, 47 (non-editorial), 48 through 50, 52, 53 and 55 Added clarifying statement to SU5.1 Bases – Change 23		■
If any Attachment 4, 10 CFR 50.54(q) Screening Evaluation Form, Part IV criteria are checked, then complete Attachment 4, 10 CFR 50.54(q) Screening Evaluation Form, Part V and perform a 10 CFR 50.54(q) Effectiveness Evaluation. Program Element 4a requires final approval of Screen and Evaluation by EP CFAM.		

Part V. Signatures:
EP CFAM Final Approval is required for changes affecting Program Element 4a. If CFAM approval is **NOT** required, then mark the EP CFAM signature block as not applicable (N/A) to indicate that signature is not required.

Preparer Name (Print): Barry Kimray	Preparer Signature: See CAS	Date: See CAS
Reviewer Name (Print): See CAS	Reviewer Signature: See CAS	Date: See CAS
Approver (Manager, Nuclear Support Services) Name (Print): See CAS	Approver Signature: See CAS	Date: See CAS
Approver (EP CFAM, as required) Name (Print): See CAS	Approver Signature: See CAS	Date: See CAS



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If the proposed activity is a change to the E-Plan, then initiate PRRs.	<input type="checkbox"/>
If the proposed activity is a change to the E-Plan, then create two EREG General assignments	
If required by Section 5.6, Submitting Reports of Changes to the NRC, then create two EREG General Assignments.	■
<ul style="list-style-type: none"> • One for EP to provide the 10 CFR 50.54(q) summary of the analysis, or the completed 10 CFR 50.54(q), to Licensing. 	■
<ul style="list-style-type: none"> • One for Licensing to submit the 10 CFR 50.54(q) information to the NRC within 30 days after the change is put in effect. 	■

QA RECORD