



~~SECURITY RELATED INFORMATION~~
~~WITHHOLD FROM PUBLIC DISCLOSURE UNDER 10 CFR 2.390~~

October 11, 2016

NG-16-0207
10 CFR 50, Appendix E, Section V

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

ATTN: Document Control Desk
Director, Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety & Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-001

Duane Arnold Energy Center
Docket No. 50-331
Renewed Op. License No. DPR-49

Emergency Planning Department Document Transmittals Dated September 12, 2016 and September 17, 2016

Enclosed is NextEra Energy Duane Arnold, LLC's Emergency Preparedness Department Document Transmittals dated September 12, 2016 and September 17, 2016. The transmittals include changes to the Emergency Plan Sections G, H and N. This submittal however, does not contain any changes to Emergency Action Levels (EALs). These changes have been reviewed pursuant to 10 CFR 50.54(q), as required, and it has been determined they do not decrease the effectiveness of the approved NextEra Energy Duane Arnold Emergency Plan.

AX45

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~~SECURITY RELATED INFORMATION~~
~~WITHHOLD FROM PUBLIC DISCLOSURE UNDER 10 CFR 2.390~~

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This letter contains no new commitments and no revisions to existing commitments.

Please contact Mark Fritz, Manager, Emergency Preparedness at (319) 851-7961, if you require further information.

T. A. Vehec
Vice President, Duane Arnold Energy Center
NextEra Energy Duane Arnold, LLC



Enclosures

cc: Administrator, Region III, USNRC
Resident Inspector, DAEC, USNRC
Region III Incident Response Center (2 copies)

SUMMARY OF E-PLAN
NOTIFICATION SEPTEMBER 12 AND 17, 2016 (NG-16-0207)

DAEC PLAN 'G'	1) Corrected Emergency Preparedness Department name in paragraph 2.1(1) 2) Corrected reference to EPDM 1005 in paragraph 2.1(1)(g)
DAEC PLAN 'H'	Added new paragraph 2.3(3) with instructions and criteria to activate and relocate to the Alternate EOF
DAEC PLAN 'N'	Changed paragraph 2.1(2) to align with NRC EP Rulemaking for eight year drill cycle

DAEC EMERGENCY PLAN	SECTION 'G'
PUBLIC EDUCATION AND INFORMATION	Rev. 24 Page 1 of 5

Usage Level:
INFORMATION

Record the following: Date / Time: _____ / _____ Initials: _____

NOTE: User shall perform and document a Temp Issue / Rev. Check to ensure revision is current, in accordance with procedure use and adherence requirements.

Prepared By: _____ / _____ Date: _____
Print Signature

APPROVAL BY EMERGENCY PREPAREDNESS MANAGER		
Approved By	<u>MARK FEITZ</u> / <u>[Signature]</u>	Date: <u>7-20-16</u>
	Print Signature	

APPROVAL BY ORG		
Approved By	<u>P. Hansen</u> / <u>P. Hansen</u>	Date: <u>7-20-16</u>
	Print Signature	
<u>ORG 2016-013</u>		

APPROVAL BY DAEC SITE VICE PRESIDENT		
Approved By	<u>T. A. VEHZEC</u> / <u>[Signature]</u>	Date: <u>7/28/16</u>
	Print Signature	

APPROVAL BY CORPORATE DIRECTOR OF EMERGENCY PLANNING		
Approved By	<u>P. Polfleit</u> / <u>[Signature]</u>	Date: <u>8/8/16</u>
	Print Signature	

10CFR50.54 (q) SCREENING FORM

Page 1 of 3

PCR/AR/NAMS No.: PCR 2126248, PCR 2126257, and CR 2062546**SECTION 1: STATION APPLICABILITY**

Applicable activity for review (process, document, modification, etc):

Applicable Site: ☒ Duane Arnold Energy Center ☐ Point Beach ☐ Seabrook ☐ St. Lucie ☐ Turkey Point**SECTION 2: PURPOSE**

Identify the reason for the screening:

☒ 10CFR50.54(q) screening of a Change to the Emergency Plan or procedures implementing the Plan☐ Emergency Preparedness Function Assessment**SECTION 3: PROVIDE A BRIEF DESCRIPTION OF PROPOSED CHANGE AND LIST THE PROCESS/DOCUMENT THAT IS DRIVING THE CHANGE.**Process/Document Driving Change: CR 2062546

Brief Description (include why the change is being made):

Identified in NOS PDA 15-007 EP Audit that editorial changes are needed in E Plan Sections G (PCR 2126248) and H (PCR 2126257)

☐ Check if EAL Validation & Verification is Attached (required for EAL change not in the NRC SER)**SECTION 4: DETAILED DESCRIPTION OF ACTIVITY BEING REVIEWED. The "activity" is an 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 Number	Description of Change	Reason for Change	Screening	Planning Standard / Program Element *
1.	E Plan Section G (Public Information/Education), subsection 2.1: (a) Correct the name of the Department from Emergency Planning to Emergency Preparedness. (g) Correct the name of the Department from Emergency Planning to Emergency Preparedness and clarify that the requirements are set forth in an EPDM and not a procedure.	Reflection the correct name of the department and clarify that requirements for the Emergency Action Plan are outlined in the EPDM 1005 and not in procedure 1005.	<input checked="" type="checkbox"/> Editorial Change: Analysis is NOT required <input type="checkbox"/> Proposed change does NOT involve the Planning Standards /Program Elements: Analysis is NOT required <input type="checkbox"/> Proposed change DOES involve the Planning Standards / Program	NA

10CFR50.54 (q) SCREENING FORM

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PCR/AR/NAMS No.: PCR 2126248, PCR 2126257, and CR 2062546

			Elements: Analysis IS required	
2.	<p>E Plan Section H (Emergency Facilities Staffing, Activation and Equipment)</p> <p>Subsection 2.12 Communication Checks</p> <p>(2) Changed the word Planning to Preparedness.</p> <p>Subsection 2.13 Emergency Kits</p> <p>(1) Inserted, "DAEC Emergency Plan" before the word Appendix.</p>	<p>Corrected the name of the department from planning to preparedness. Clarified that the reference Appendix was a DAC Emergency Plan appendix.</p>	<p><input checked="" type="checkbox"/> Editorial Change: Analysis is NOT required</p> <p><input type="checkbox"/> Proposed change does NOT involve the Planning Standards /Program Elements: Analysis is NOT required</p> <p><input type="checkbox"/> Proposed change DOES involve the Planning Standards / Program Elements: Analysis IS required</p>	NA


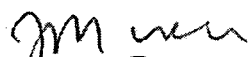
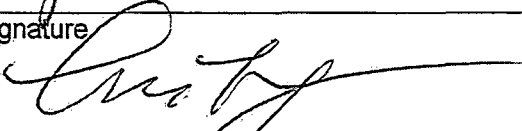
* Planning Standard / Program Element from Section 7

SECTION 5: RESULTS OF SCREENING

☒ If **NO** Section 7 criteria are involved, a 10CFR50.54(q) Evaluation is **NOT** required.

☐ If **ANY** Section 7 criteria are involved, go to Form 2 to perform a 10CFR50.54(q) Evaluation.

SECTION 6: SIGNATURE

Prepared by (Print Name) Rebecca Palmer	Signature 	Date 6/9/16
Reviewed by (Print Name) Bob McCrell	Signature 	Date 6/29/16
SFAM/CFAM Approval (Print Name) MARK FRITZ	Signature 	Date 6-29-16

10CFR50.54 (q) SCREENING FORM

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PCR/AR/NAMS No.: PCR 2126248, PCR 2126257, and CR 2062546

Section 7: Are any of the following involved with this change? (Document in Section 4 for each change.)

No.	Planning Standards / Functions	Requirement	YES	NO
1.	Responsibility for emergency response is assigned..	50.47(b)(1)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	The response organization has the staff to respond and to augment staff on a continuing basis (i.e., 24/7 support) in accordance with the emergency plan.	50.47(b)(1)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	The process ensures that onshift emergency response responsibilities are staffed and assigned (including on-shift staffing study and assumptions)	50.47(b)(2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	The process for timely augmentation of onshift staff is established and maintained.	50.47(b)(2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	Arrangements for requesting and using offsite assistance have been made.	50.47(b)(3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.	State and local staff can be accommodated at the EOF in accordance with the emergency plan.	50.47(b)(3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.	A standard scheme of emergency classification and action levels is in use.	50.47(b)(4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.	Procedures for notification of State and local governmental agencies are capable of alerting them of the declared emergency within 15 minutes after declaration of an emergency and providing follow-up notifications.	50.47(b)(5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9.	Administrative and physical means have been established for alerting and providing prompt instructions to the public within the plume exposure pathway.	50.47(b)(5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10.	The public ANS meets the design requirements of FEMA-REP-10, "Guide for Evaluation of Alert and Notification Systems for Nuclear Power Plants", or is compliant with the licensee's FEMA-approved ANS design report and supporting FEMA approval letter.	50.47(b)(5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11.	Systems are established for prompt communication among principal emergency response organizations.	50.47(b)(6)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12.	Systems are established for prompt communication to emergency response personnel.	50.47(b)(6)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13.	Emergency preparedness information is made available to the public on a periodic basis within the plume exposure pathway EPZ.	50.47(b)(7)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14.	Coordinated dissemination of public information during emergencies is established.	50.47(b)(7)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15.	Adequate equipment & facilities are maintained to support emergency response.	50.47(b)(8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16.	Methods, systems, and equipment for assessment of radioactive releases are in use	50.47(b)(9)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17.	A range of public PARs is available for implementation during emergencies.	50.47(b)(10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
18.	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.	50.47(b)(10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19.	A range of protective actions is available for plant emergency workers during emergencies, including those for hostile action events	50.47(b)(10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
20.	The resources for controlling radiological exposures for emergency workers are established.	50.47(b)(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
21.	Arrangements are made for medical services for contaminated, injured individuals	50.47(b)(12)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
22.	Plans for recovery and reentry are developed.	50.47(b)(13)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
23.	A drill and exercise program (including radiological, medical, health physics, and other program areas) is established.	50.47(b)(14)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
24.	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.	50.47(b)(14)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
25.	Identified weaknesses are corrected.	50.47(b)(14)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
26.	Training is provided to emergency responders.	50.47(b)(15)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
27.	Responsibility for emergency plan development and review is established.	50.47(b)(16)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
28.	Planners responsible for emergency plan development and maintenance are properly trained.	50.47(b)(16)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

10CFR50.54 (q) SCREENING FORM

Page 1 of 3

PCR/AR/NAMS No.: PCR 2126248, PCR 2126257, and CR 2062546

SECTION 1: STATION APPLICABILITY

Applicable activity for review (process, document, modification, etc):

Applicable Site: ☒ Duane Arnold Energy Center ☐ Point Beach ☐ Seabrook ☐ St. Lucie ☐ Turkey Point

SECTION 2: PURPOSE

Identify the reason for the screening:

- ☒ 10CFR50.54(q) screening of a Change to the Emergency Plan or procedures implementing the Plan
☐ Emergency Preparedness Function Assessment

SECTION 3: PROVIDE A BRIEF DESCRIPTION OF PROPOSED CHANGE AND LIST THE PROCESS/DOCUMENT THAT IS DRIVING THE CHANGE.

Process/Document Driving Change: CR 2062546

Brief Description (include why the change is being made):

Identified in NOS PDA 15-007 EP Audit that editorial changes are needed in E Plan Sections G (PCR 2126248) and H (PCR 2126257)

☐ Check if EAL Validation & Verification is Attached (required for EAL change not in the NRC SER)

SECTION 4: DETAILED DESCRIPTION OF ACTIVITY BEING REVIEWED. The "activity" is an 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 Number	Description of Change	Reason for Change	Screening	Planning Standard / Program Element *
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10CFR50.54 (q) SCREENING FORM

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PCR/AR/NAMS No.: PCR 2126248, PCR 2126257, and CR 2062546


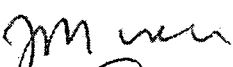

			Elements: Analysis IS required	
2.	<p>E Plan Section H (Emergency Facilities Staffing, Activation and Equipment)</p> <p>Subsection 2.12 Communication Checks</p> <p>(2) Changed the word Planning to Preparedness.</p> <p>Subsection 2.13 Emergency Kits</p> <p>(1) Inserted, "DAEC Emergency Plan" before the word Appendix.</p>	<p>Corrected the name of the department from planning to preparedness. Clarified that the reference Appendix was a DAC Emergency Plan appendix.</p>	<input checked="" type="checkbox"/> Editorial Change: Analysis is NOT required <input type="checkbox"/> Proposed change does NOT involve the Planning Standards /Program Elements: Analysis is NOT required <input type="checkbox"/> Proposed change DOES involve the Planning Standards / Program Elements: Elements: Analysis IS required	NA

* Planning Standard / Program Element from Section 7

SECTION 5: RESULTS OF SCREENING

- ☒ If **NO** Section 7 criteria are involved, a 10CFR50.54(q) Evaluation is **NOT** required.
- ☐ If **ANY** Section 7 criteria are involved, go to Form 2 to perform a 10CFR50.54(q) Evaluation.

SECTION 6: SIGNATURE

Prepared by (Print Name) Rebecca Palmer	Signature 	Date 6/9/16
Reviewed by (Print Name) Bob Marrell	Signature 	Date 6/29/16
SFAM/CFAM Approval (Print Name) MARK FRITZ	Signature 	Date 6-29-16

10CFR50.54 (q) SCREENING FORM

Page 3 of 3

PCR/AR/NAMS No.: PCR 2126248, PCR 2126257, and CR 2062546

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4.	The process for timely augmentation of onshift staff is established and maintained.	50.47(b)(2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	Arrangements for requesting and using offsite assistance have been made.	50.47(b)(3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.	State and local staff can be accommodated at the EOF in accordance with the emergency plan.	50.47(b)(3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.	A standard scheme of emergency classification and action levels is in use.	50.47(b)(4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.	Procedures for notification of State and local governmental agencies are capable of alerting them of the declared emergency within 15 minutes after declaration of an emergency and providing follow-up notifications.	50.47(b)(5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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11.	Systems are established for prompt communication among principal emergency response organizations.	50.47(b)(6)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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15.	Adequate equipment & facilities are maintained to support emergency response.	50.47(b)(8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16.	Methods, systems, and equipment for assessment of radioactive releases are in use	50.47(b)(9)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17.	A range of public PARs is available for implementation during emergencies.	50.47(b)(10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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23.	A drill and exercise program (including radiological, medical, health physics, and other program areas) is established.	50.47(b)(14)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
24.	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.	50.47(b)(14)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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27.	Responsibility for emergency plan development and review is established.	50.47(b)(16)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
28.	Planners responsible for emergency plan development and maintenance are properly trained.	50.47(b)(16)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DAEC EMERGENCY PLAN	SECTION 'N'
EXERCISES AND DRILLS	Rev. 23 Page 1 of 6

Usage Level
INFORMATION

Record the following: Date/Time: _____ / _____ Initials: _____

NOTE: User shall perform and document a Temp Issue/Rev. Check to ensure revision is current, in accordance with procedure use and adherence requirements.

Prepared By: _____ / _____ Date: _____
Print Signature

APPROVAL BY EMERGENCY PREPAREDNESS MANAGER		
Approved By	<u>MARK FRITZ</u> / <u>[Signature]</u>	Date: <u>7.20.16</u>
	Print Signature	

APPROVAL BY ORG		
Approved By	<u>P. Hansen</u> / <u>[Signature]</u>	Date: <u>7.20.16</u>
	Print Signature	

ORG 2016-013

APPROVAL BY DAEC SITE VICE PRESIDENT		
Approved By	<u>T. A. Venter</u> / <u>[Signature]</u>	Date: <u>7/28/16</u>
	Print Signature	

APPROVAL BY CORPORATE DIRECTOR OF EMERGENCY PLANNING		
Approved By	<u>P. Polfleit</u> / <u>[Signature]</u>	Date: <u>8/8/16</u>
	Print Signature	

10CFR50.54(q) SCREENING FORM

Page 1 of 4

PCR/AR/NAMS No.: PCR 2126262, PCR 2126183, CR 2062546**SECTION 1: STATION APPLICABILITY**

Applicable activity for review (process, document, modification, etc):

Applicable Site: ☒ Duane Arnold Energy Center ☐ Point Beach ☐ Seabrook ☐ St. Lucie ☐ Turkey Point**SECTION 2: PURPOSE**

Identify the reason for the screening:

- ☒ 10CFR50.54(q) screening of a Change to the Emergency Plan or procedures implementing the Plan
☐ Emergency Preparedness Function Assessment

SECTION 3: PROVIDE A BRIEF DESCRIPTION OF PROPOSED CHANGE AND LIST THE PROCESS/DOCUMENT THAT IS DRIVING THE CHANGE:

Process/Document Driving Change:

Brief Description (include why the change is being made): Changes in response to CR 2062546 are needed to update reference to Fleet procedure EP—AA-101-1000-10001 (Drill and Exercise Objectives and Demonstration Criteria) and to align with NRC EP Rulemaking changes related to eight year drill cycle (10CFR50, App E Section F.2.j);

☐ Check if EAL Validation & Verification is Attached (required for EAL change not in the NRC SER).**SECTION 4: DETAILED DESCRIPTION OF ACTIVITY BEING REVIEWED.** The "activity" is an 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 Number	Description of Change	Reason for Change	Screening	Planning Standard / Program Element *
1.	<p>Revise, E-Plan, Section N (Exercises and Drills), subsection 2.1 (Exercises), subsection (2) as follows:</p> <p>The scenarios for the exercise shall be sufficiently varied such that all major portions of NUREG 0654, the plans and organizations are tested at least once every six years. An off-hours exercise will be schedule to start between 6:00 pm once every six eight years, <u>per 10 CFR50, Appendix E., section F.2.i.</u></p>	To align with NRC EP Rulemaking changes related to eight year drill cycle	<p><input type="checkbox"/> Editorial Change: Analysis is NOT required.</p> <p><input type="checkbox"/> Proposed change does NOT involve the Planning Standards /Program Elements: Analysis is NOT required</p> <p><input checked="" type="checkbox"/> Proposed change DOES involve the Planning Standards / Program Elements: Analysis IS required</p>	50.47(b)(14) Appendix E, F.2.j

10CFR50.54(q) SCREENING FORM

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PCR/AR/NAMS No.: PCR 2126262, PCR 2126183, CR 2062546

2.	<p>Revise, EPIP 6.1 (Drill and Exercise Program), subsection 3.3 (Drill and Exercise Requirements)</p> <p>(6) The scenarios for the exercises shall be sufficiently varied such that all major portions of NUREG 0654, the plans and organizations are tested at least once every six eight years.</p> <p>(7) An off-hours exercise will be scheduled to start between 6:00 p.m. and 6:00 a.m. once every six eight years, <u>per 10CFR50 Appendix E, section F.2.j</u>. Where possible, the off-hours exercise should be unannounced.</p>	To align with NRC EP Rulemaking changes related to eight year drill cycle	<p><input type="checkbox"/> Editorial Change: Analysis is NOT required</p> <p><input type="checkbox"/> Proposed change does NOT involve the Planning Standards / Program Elements: Analysis is NOT required</p> <p><input checked="" type="checkbox"/> Proposed change DOES involve the Planning Standards / Program Elements: Analysis IS required</p>	<p>50.47(b)(14)</p> <p>Appendix E, F.2.j</p>
3.	<p>Revise EPIP 6.1 (Drill and Exercise Program), to remove all references to Attachment 1 (Drill Objectives and Frequencies) throughout the EPIP and replace with reference to EP-AA-101-1000-10001. This makes changes to the Table of Contents, section 3.1 (3), section 5 (2), and removes Attachment 1 in its entirety.</p>	To align with Fleet procedure outlining Drill and Exercise Objectives and Demonstration Criteria.	<p><input type="checkbox"/> Editorial Change: Analysis is NOT required</p> <p><input type="checkbox"/> Proposed change does NOT involve the Planning Standards / Program Elements: Analysis is NOT required</p> <p><input checked="" type="checkbox"/> Proposed change DOES involve the Planning Standards / Program Elements: Analysis IS required</p>	<p>50.47(b)(14)</p> <p>Appendix E, F.2.j</p>

* Planning Standard / Program Element from Section 7

10CFR50.54(q) SCREENING FORM


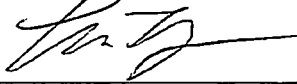
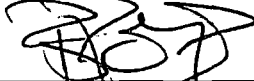
Page 3 of 4

PCR/AR/NAMS No.: PCR 2126262, PCR 2126183, CR 2062546

SECTION 5: RESULTS OF SCREENING

- ☐ If **NO** Section 7 criteria are involved, a 10CFR50.54(q) Evaluation is **NOT** required.
- ☒ If **ANY** Section 7 criteria are involved, go to Form 2 to perform a 10CFR50.54(q) Evaluation.

SECTION 6: SIGNATURE

Prepared by (Print Name) Rebecca Palmer	Signature 	Date 7/12/16
Reviewed by (Print Name) MARK FRITZ	Signature 	Date 7-13-16
SFAM/CFAM Approval (Print Name) Peter Polfleit	Signature 	Date 7/18/16

10CFR50.54(q) SCREENING FORM

Page 4 of 4

PCR/AR/NAMS No.: PCR 2126262, PCR 2126183, CR 2062546

Section 7: Are any of the following involved with this change? (Document in Section 4 for each change.)

No.	Planning Standards / Functions	Requirement	YES	NO
1.	Responsibility for emergency response is assigned.	50.47(b)(1)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	The response organization has the staff to respond and to augment staff on a continuing basis (i.e., 24/7 support) in accordance with the emergency plan.	50.47(b)(1)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	The process ensures that onshift emergency response responsibilities are staffed and assigned (including on-shift staffing study and assumptions)	50.47(b)(2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	The process for timely augmentation of onshift staff is established and maintained.	50.47(b)(2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	Arrangements for requesting and using offsite assistance have been made.	50.47(b)(3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.	State and local staff can be accommodated at the EOF in accordance with the emergency plan.	50.47(b)(3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.	A standard scheme of emergency classification and action levels is in use.	50.47(b)(4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.	Procedures for notification of State and local governmental agencies are capable of alerting them of the declared emergency within 15 minutes after declaration of an emergency and providing follow-up notifications.	50.47(b)(5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9.	Administrative and physical means have been established for alerting and providing prompt instructions to the public within the plume exposure pathway.	50.47(b)(5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10.	The public ANS meets the design requirements of FEMA-REP-10, "Guide for Evaluation of Alert and Notification Systems for Nuclear Power Plants", or is compliant with the licensee's FEMA-approved ANS design report and supporting FEMA approval letter.	50.47(b)(5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11.	Systems are established for prompt communication among principal emergency response organizations.	50.47(b)(6)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12.	Systems are established for prompt communication to emergency response personnel.	50.47(b)(6)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13.	Emergency preparedness information is made available to the public on a periodic basis within the plume exposure pathway EPZ.	50.47(b)(7)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14.	Coordinated dissemination of public information during emergencies is established.	50.47(b)(7)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15.	Adequate equipment & facilities are maintained to support emergency response.	50.47(b)(8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16.	Methods, systems, and equipment for assessment of radioactive releases are in use	50.47(b)(9)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17.	A range of public PARs is available for implementation during emergencies.	50.47(b)(10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
18.	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.	50.47(b)(10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19.	A range of protective actions is available for plant emergency workers during emergencies, including those for hostile action events	50.47(b)(10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
20.	The resources for controlling radiological exposures for emergency workers are established.	50.47(b)(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
21.	Arrangements are made for medical services for contaminated, injured individuals	50.47(b)(12)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
22.	Plans for recovery and reentry are developed.	50.47(b)(13)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
23.	A drill and exercise program (including radiological, medical, health physics, and other program areas) is established.	50.47(b)(14)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24.	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.	50.47(b)(14)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
25.	Identified weaknesses are corrected.	50.47(b)(14)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
26.	Training is provided to emergency responders.	50.47(b)(15)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
27.	Responsibility for emergency plan development and review is established.	50.47(b)(16)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
28.	Planners responsible for emergency plan development and maintenance are properly trained.	50.47(b)(16)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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PCR/AR/NAMS No.: PCR 2126262, PCR 2126183, CR 2062546**SECTION 1: THE CHANGE NUMBER(S) IDENTIFIED IN SECTION 2 OF THE SCREENING FORM THAT IS BEING EVALUATED**

Change number 1 (E-Plan) and 3 (EPIP 6.1) related to alignment with NRC EP Rulemaking for an 8 year exercise cycle.

Change number 2 (EPIP 6.1) related to alignment with Fleet Drill Objectives and Demonstration Criteria.

SECTION 2: LIST EACH OF THE EMERGENCY PLANNING FUNCTION(S) AFFECTED BY THIS PROPOSED CHANGE

50.47(b)(14) A drill and exercise program (including radiological, medical, health physics, and other program areas) is established.

Appendix E, F.2.j Each exercise must provide the opportunity for the ERO to demonstrate key skills specific to emergency response duties in the control room, TSC, OSC, EOF, and joint information center. Additionally, in each eight calendar year exercise cycle, nuclear power reactor licensees shall vary the content of scenarios during exercises conducted under paragraph 2 of this section to provide the opportunity for the ERO to demonstrate proficiency in the key skills necessary to respond to the following scenario elements: hostile action directed at the plant site, no radiological release, an unplanned minimal radiological release that does not require public protective actions, an initial classification of or rapid escalation to a Site Area Emergency or General Emergency....

SECTION 3: DESCRIBE HOW THE PROPOSED CHANGE COMPLIES WITH THE (1) FUNCTION AND (2) TIMING OF THE FUNCTION FOR THE ITEMS DESCRIBED IN SECTION 2

Changes 1 (E Plan Section "N") and 3 (EPIP 6.1) would direct that exercise scenarios to be sufficiently varied such that all major portions of NUREG 0654, the plans and organizations be tested at least once every eight years. Currently EPIP 6.1 directs testing on a 6 year cycle. Given the inclusion of new types of scenarios required to test hostile actions, no radiological release, and in the future FLEX, alignment with the NUREG is needed so the function of testing the different types of scenarios can be accomplished.

Change 2 (EPIP 6.1) improves the comprehensiveness of testing exercise objectives and demonstration criteria by aligning with the Fleet procedure, which will also reduce confusion on what procedure to follow.

SECTION 4: LIST THE APPLICABLE SITE LICENSING BASIS AND COMMITMENTS ASSOCIATED WITH THIS EMERGENCY PLANNING FUNCTION (EMERGENCY PLAN, SER, TECH SPECS, OTHER)

DAEC E Plan Section "N" Exercises and Drills

EPIP 6.1 Drill and Exercise Program

SECTION 5: DESCRIBE HOW, AFTER THE PROPOSED CHANGE, THE CAPABILITY TO MEET OR PERFORM THE FUNCTIONS, DESCRIBED IN SECTION 4, ARE MAINTAINED.

The function of maintaining a drill and exercise program and meeting the NUREG 8 year exercise cycle will be enhanced by incorporating the more comprehensive Fleet Drill and Exercise Objectives and Demonstration Criteria into EPIP 6.1 and by aligning our program with the NUREG exercise cycle that better accommodates the increasing number of types of exercises that have to be tested.

SECTION 6: RESULTS OF EVALUATION: ANSWER THE FOLLOWING QUESTIONS BASED ON THE EVALUATION

1. Does the proposed change comply with 10CFR50.47(b) and 10CFR50 Appendix E? ☒ YES ☐ NO

2. Does the proposed change maintain the emergency plan with no reduction in effectiveness? ☒ YES ☐ NO

☒ The answer to BOTH question 1 & 2 are YES. The proposed change may be implemented without prior NRC approval.




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<input type="checkbox"/>	The answer to EITHER question 1 or 2 is NO. Prior approval by the NRC is required prior to implementation.
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SECTION 7: SIGNATURE

Prepared by (Print Name) Rebecca Palmer	Signature 	Date 7/12/16
Reviewed by (Print Name) MARK FRITZ	Signature 	Date 7-13-16
SFAM/CFAM Approval (Print Name) Peter Poffleit	Signature 	Date 7/18/16