



10 CFR 50.54(q)  
10 CFR 50.4(b)(5)

LR-N21-0069  
September 9, 2021

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

Salem Nuclear Generating Station, Units 1 and 2  
Renewed Facility Operating License Nos. DPR-70 and DPR-75  
NRC Docket Nos. 50-272 and 50-311

Hope Creek Generating Station  
Renewed Facility Operating License No. NPF-57  
NRC Docket No. 50-354

Subject: Emergency Plan Document Revisions Implemented August 10, 2021

Pursuant to 10 CFR 50.54(q) and 10 CFR 50.4(b)(5), PSEG Nuclear LLC (PSEG) is submitting 10 CFR 50.54(q) Summary Analysis Reports numbered 2021-31 and 2021-45 for the revision to procedures HC-EP.EP-ZZ-0204 (Q) and SC-EP.EP-ZZ-0204(Q), implemented on August 10, 2021 (Attachments 1, 2 and 3).

There are no regulatory commitments contained in this letter.

Should you have any questions, or require further information regarding this submittal, please contact Mr. Phil Quick, at (856) 339-3262.

Respectfully,

A handwritten signature in black ink, appearing to read "S. Barr", is written above the printed name.

Stephen T. Barr  
Manager, Emergency Preparedness

Attachment 1 – 10 CFR 50.54(q) Summary Analysis Report 2021-31  
Attachment 2 – 10 CFR 50.54(q) Summary Analysis Report 2021-45  
Attachment 3 - HC-EP.EP-ZZ-0204 (Q) / SC-EP.EP-ZZ-0204(Q), Revision  
19

cc (w/ Attachments):	USNRC Administrator, Region I USNRC Project Manager USNRC Senior Resident Inspector, Salem USNRC Senior Resident Inspector, Hope Creek
(w/o Attachments):	NJDEP Bureau of Nuclear Engineering PSEG Corporate Commitment Tracking Coordinator PSEG Station Commitment Tracking Coordinator

**ATTACHMENT 1**

**10 CFR 50.54(q) Summary Analysis Report 2021-31**

**ATTACHMENT 3**  
**10CFR50.54(q) SUMMARY ANALYSIS REPORT**

Page 1 of 2

Revision 0

**50.54Q I.D. Number:** 2021-31

**50.54Q Title:** Implementation of Send Word Now (SWN) as replacement for Manual ERO Callout & Backup to Everbridge ERO Callout System

(Doc #, Rev. #, Name, If applicable)

**Description of the change made to the Emergency Plan/Procedures:**

Send Word Now (SWN), a product of OnSolve LLC, is an on-demand alerting and response software-as-a-service (SaaS). Use of the Service is by subscription and does not require PSEG to purchase, install or maintain any dedicated hardware or software. The Service allows any initiator to send a single alert to a list of contacts simultaneously via a combination of communication devices including the ability to capture real-time responses.

SWN operates similarly to the existing Everbridge system that is used as the primary method of Emergency Response Organization (ERO) notification in the event of a nuclear emergency. The SWN system is totally independent from Everbridge and does not rely on the same equipment or infrastructure and therefore can be used as a backup for ERO notification in the event of a catastrophic failure of the Everbridge system. SWN will utilize an “all call” philosophy to notify all ERO members to respond to their assigned facilities.

**Description of why the change is editorial (if not editorial, N/A this block):**

N/A

**Description of the licensing basis affected by the change to the Emergency Plan/Procedure (if not affected, omit this element):**

Emergency Plan Section 6.0, Notification Methods – Response Organization, describes the call out system as:

*An automated Emergency Notification System is utilized to call out the balance of emergency response personnel for full organizational augmentation and activation of emergency response facilities. The system uses electronic communications devices that may or may not include pagers, Email, and SMS cell phone text messages for duty responders and many of the additional support personnel, while also calling personnel on home, work, and/or cellular telephones. The system is interactive and recognizes emergency response personnel by a combination of their employee identification numbers, a system generated Personal Identification Number, email address and/or home/cell phone numbers.*

This description pertains to the Everbridge system, which is the primary method of ERO notification. There is no requirement for or discussion of an alternate or backup notification system. No emergency plan change is required as a result of implementation of SWN.

**ATTACHMENT 3**  
**10CFR50.54(q) SUMMARY ANALYSIS REPORT**

Page 2 of 2

Revision 0

**50.54Q I.D. Number:** 2021-31

**50.54Q Title:** Implementation of Send Word Now (SWN) as replacement for Manual ERO Callout & Backup to Everbridge ERO Callout System

(Doc #, Rev. #, Name, If applicable)

A description of how the change to the Emergency Plan/Procedures still complies with regulation:

Implementation of the Send Word Now (SWN) notification system as a backup to Everbridge will provide an independent method of ERO notification. There are no regulations that require the implementation of a backup notification system, and there are no emergency plan revisions required.

A description of why the proposed change was not a reduction in the effectiveness of the Emergency Plan/Procedure:

Implementation of the Send Word Now (SWN) ERO notification system as a replacement for the backup manual call out method (HC.EP-EP.ZZ-0204 and SC.EP-EP.ZZ-0204 procedures) and as a backup to Everbridge will provide a reliable and timely method of ERO notification. No emergency plan revisions are required and implementation will not result in a reduction in effectiveness of the PSEG Nuclear Emergency Plan.

**ATTACHMENT 2**

**10 CFR 50.54(q) Summary Analysis Report 2021-45**

**ATTACHMENT 3**  
**10CFR50.54(q) SUMMARY ANALYSIS REPORT**

Page 1 of 1

Revision 0

**50.54Q I.D. Number:** 2021-45

**50.54Q Title:** HC-EP-EP-ZZ-0204(Q) / SC-EP-EP-ZZ-0204(Q), Rev. 19  
Emergency Response Backup Callout

(Doc #, Rev. #, Name, If applicable)

Description of the change made to the Emergency Plan/Procedures:

These procedures are no longer required; therefore they are being voided. An electronic backup system, Send Word Now, has been put into place to replace this process (refer to EP Aid-032, Emergency Backup Callout Activation).

Description of why the change is editorial (if not editorial, N/A this block):

N/A

Description of the licensing basis affected by the change to the Emergency Plan/Procedure (if not affected, omit this element):

Emergency Plan Section 6.0, Notification Methods – Response Organization, describes the primary method of ERO activation. There is no requirement for or discussion of an alternate or backup notification system. The PSEG Nuclear Emergency Plan is not affected by the voidance of the 0204 procedures.

A description of how the change to the Emergency Plan/Procedures still complies with regulation:

The voidance of the 0204 procedures and their replacement with the Send Word Now (SWN) notification system as a backup will provide an independent method of ERO notification. There are no regulations that require the implementation of a backup notification system.

A description of why the proposed change was not a reduction in the effectiveness of the Emergency Plan/Procedure:

Implementation of the Send Word Now (SWN) ERO notification system as a replacement for the backup manual call out method (HC-EP-EP.ZZ-0204 and SC-EP-EP.ZZ-0204 procedures) and as a backup to Everbridge will provide a reliable and timely method of ERO notification. No emergency plan revisions are required and implementation will not result in a reduction in effectiveness of the PSEG Nuclear Emergency Plan.

**ATTACHMENT 3**

**HC-EP-EP-ZZ-0204 (Q) / SC-EP-EP-ZZ-0204 (Q) Revision 19**



**PSEG NUCLEAR L.L.C.**

**Hope Creek**

**EMERGENCY PREPAREDNESS**

**HC.EP-EP.ZZ-0204(Q) - Rev. 19**

**EMERGENCY RESPONSE BACKUP CALLOUT**

**ADHERENCE LEVEL:** LEVEL 2 - REFERENCE USE

Biennial Review Performed:    Yes ☐    No ☒

Configuration Change Packages and Affected Document Numbers incorporated into this revision:

- None

OTSCs incorporated into this revision:

- None

Operational Experience (OPEX) incorporated into this revision:

- None

License Renewal Related:    Yes ☐    No ☒

Revision Summary	
Location	Description of Change
Entire Procedure	<ul style="list-style-type: none"><li>• This procedure is no longer required; therefore it is being voided. An electronic system has been put into place to replace this process (refer to EP Aid-032, Emergency Backup Callout Activation).</li></ul>

**PSEG NUCLEAR L.L.C.**

**Salem Common**

**EMERGENCY PREPAREDNESS**

**SC.EP-EP.ZZ-0204(Q) - Rev. 19**

**EMERGENCY RESPONSE BACKUP CALLOUT**

**ADHERENCE LEVEL:** LEVEL 2 - REFERENCE USE

Biennial Review Performed:    Yes ☐    No ☒

Configuration Change Packages and Affected Document Numbers incorporated into this revision:

- None

OTSCs incorporated into this revision:

- None

Operational Experience (OPEX) incorporated into this revision:

- None

License Renewal Related:    Yes ☐    No ☒

Revision Summary	
Location	Description of Change
Entire Procedure	<ul style="list-style-type: none"><li>• This procedure is no longer required; therefore it is being voided. An electronic system has been put into place to replace this process (refer to EP Aid-032, Emergency Backup Callout Activation).</li></ul>