



FEB 27 2013

Order EA-12-049

LR-N13-0031

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

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

Subject: PSEG Nuclear LLC's Overall Integrated Plan for the Hope Creek  
Generating Station in Response to March 12, 2012 Commission Order  
Modifying Licenses with Regard to Requirements for Mitigation Strategies  
for Beyond-Design-Basis External Events (Order Number EA-12-049)

References:

1. NRC Order Number EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," dated March 12, 2012.
2. NRC Interim Staff Guidance JLD-ISG-2012-01, "Compliance with Order EA-12-049, Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," Revision 0, dated August 29, 2012.
3. NEI 12-06, "Diverse and Flexible Coping Strategies (FLEX) Implementation Guide," Revision 0, dated August, 2012.
4. PSEG Letter LR-N12-0329, "PSEG Nuclear LLC's Initial Status Report in Response to March 12, 2012 Commission Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events (Order Number EA-12-049)," dated October 31, 2012.

On March 12, 2012, the Nuclear Regulatory Commission (NRC) issued an order (Reference 1) to PSEG Nuclear LLC (PSEG). Reference 1 was immediately effective and directs PSEG to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities in

the event of a beyond-design-basis external event. Specific requirements are outlined in Attachment 2 of Reference 1.

Reference 1 requires submission of an Overall Integrated Plan by February 28, 2013. The NRC Interim Staff Guidance (ISG) (Reference 2) was issued August 29, 2012, and endorses industry guidance document NEI 12-06, Revision 0 (Reference 3) with clarifications and exceptions identified in Reference 2. Reference 3 provides direction regarding the content of this Overall Integrated Plan.

Reference 4 provided PSEG's initial status report regarding mitigation strategies, as required by Reference 1.

The purpose of this letter is to provide the Overall Integrated Plan pursuant to Section IV, Condition C.1, of Reference 1. This letter confirms that PSEG has received Reference 2 and has an Overall Integrated Plan for the Hope Creek Generating Station, developed in accordance with the guidance for defining and deploying strategies that will enhance the ability to cope with conditions resulting from beyond-design-basis external events.

The information in Enclosure 1 provides the Hope Creek Generating Station Overall Integrated Plan for mitigation strategies pursuant to Reference 3. The attached Overall Integrated Plan is based on conceptual design information. Final design details and associated procedure guidance, as well as any revisions to the information contained in Enclosure 1, will be provided in the 6-month Integrated Plan updates required by Reference 1.

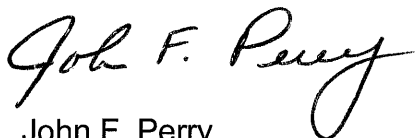
There are no regulatory commitments contained in this letter.

If you have any questions or require additional information, please do not hesitate to contact Mrs. Emily Bauer at 856-339-1023.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on 2-27-13  
(Date)

Sincerely,



John F. Perry  
Site Vice President  
Hope Creek Generating Station

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Enclosure 1 – PSEG Nuclear LLC Mitigation Strategies for Beyond Design Basis  
External Events, EA-12-049 Overall Integrated Plan Response, Hope  
Creek Generating Station

cc: Mr. E. Leeds, Director of Office of Nuclear Reactor Regulation  
Mr. W. Dean, Administrator, Region I, NRC  
Mr. J. Hughey, Project Manager, NRC  
NRC Senior Resident Inspector, Hope Creek  
Mr. P. Mulligan, Manager IV, NJBNE  
Hope Creek Commitment Tracking Coordinator  
PSEG Corporate Commitment Coordinator