

July 8, 2008

Mr. Britt T. McKinney  
Sr. Vice President  
and Chief Nuclear Officer  
PPL Susquehanna, LLC  
769 Salem Blvd., NUCSB3  
Berwick, PA 18603-0467

**SUBJECT:** SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2 - GENERIC LETTER 2008-01, "MANAGING GAS ACCUMULATION IN EMERGENCY CORE COOLING, DECAY HEAT REMOVAL, AND CONTAINMENT SPRAY SYSTEMS," RESPONSE TO EXTENSION REQUEST (TAC NOS. MD7886 AND MD7887)

Dear Mr. McKinney:

Generic Letter (GL) 2008-01, "Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal, And Containment Spray Systems," dated January 11, 2008, requests licensees to submit information to demonstrate that the emergency core cooling, decay heat removal, and containment spray systems are in compliance with the applicable regulatory requirements, and that suitable design, operational, and testing control measures are in place for maintaining this compliance. GL 2008-01 states that each licensee is requested to submit a written response within 9 months to provide requested information and that if a licensee cannot meet the requested 9 month response date, a 3-month written response is required that describes the alternative course of action that it proposes to take, including the basis for the acceptability of the proposed alternative course of action.

By letter dated April 11, 2008, PPL Susquehanna (the licensee) stated:

Generic Letter 2008-01 [(referenced above)] requires submittal of a 3-month response if it is not deemed possible to meet the requested 9-month response date. During a teleconference between PPL (R. Sgarro) and NRC (J. Wermeil) on April 8, 2008, PPL requested an extension to the timeline for the 3-month response. The extension was requested based on:

- evolving expectations for the 9-month response;
- necessary engineering resources that are currently heavily involved in refueling outage completion and startup activities associated with extended power uprate; and
- the need for additional time to identify the actions, which will be completed both prior to and after the 9-month response date (October 11, 2008).

Based on the above Mr. Wermeil granted an extension of the 3-month response until May 30, 2008.

B. T. McKinney

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This letter is to formally acknowledge the approval of the requested extension to the due date for submitting the 3-month response to GL 2008-01 and to document the telephone call with the Nuclear Regulatory Commission (NRC) staff. Specifically, you requested an extension for providing the above 3-month response from April 11, 2008, to May 30, 2008, at Susquehanna Unit 1 and Unit 2. The NRC staff finds that your justification to extend the due date for the 3-month written response to GL 2008-01 to May 30, 2008, is acceptable for granting your extension request. This letter does not alter or change the requested 9-month response date of October 11, 2008.

By letter dated May 27, 2008, you submitted a 3-month response to GL 2008-01 for Susquehanna, Units 1 and 2. The NRC staff will evaluate your alternate plans (your 3-month response) for responding to GL 2008-01 and will respond appropriately.

If you have any questions regarding this letter, please feel free to contact me at (301) 415-3308.

Sincerely,

*/RA/*

Bhalchandra K. Vaidya, Project Manager  
Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-387 and 50-388

cc: See next page

B. T. McKinney

-2-

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Sincerely,

*/RA/*

Bhalchandra K. Vaidya, Project Manager  
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Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-387 and 50-388

Enclosures: None

cc w/encls: See next page

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**NRR-106**

(\*) – see previous concurrence

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