

August 22, 2006

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

SUBJECT: NRC RECEIPT OF SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1
AND 2 RESPONSE TO GENERIC LETTER 2006-03, "POTENTIALLY
NONCONFORMING HEMYC AND MT FIRE BARRIER CONFIGURATIONS"
(TAC NOS. MD1639 AND MD1640)

Dear Mr. McKinney:

The Nuclear Regulatory Commission (NRC) acknowledges the receipt of your response dated June 9, 2006, to Generic Letter 2006-03, "Potentially Nonconforming Hemyc and MT Fire Barrier Configurations." Under oath or affirmation, you have stated that your nuclear power plant does not rely on either the Hemyc or MT fire barrier system. You have submitted documentation under oath or affirmation that other 1 or 3-hour fire barriers that separate redundant safe shutdown trains located within the same fire area have been designed and installed in accordance with current NRC guidance. Based on your response, the basis for stating that these other fire barriers have been designed and installed in accordance with NRC guidance should be maintained on site, and will be subject to inspection during the normal NRC inspection process.

If you have any questions regarding this response, please contact me.

Sincerely,

/RA/

Richard V. Guzman, 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

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