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 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv      05000388  
 AUTH.NAME      AUTHOR AFFILIATION  
 KANE,W.F.      Region 1, Ofc of the Director  
 RECIPIENT NAME      RECIPIENT AFFILIATION  
 KEISER,H.W.      Pennsylvania Power & Light Co.

SUBJECT: Forwards Safety Insp Rept 50-387/89-01 & 50-388/89-01 on 890101-0204.Enforcement conference scheduled for 890321.

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Docket Nos. 50-387  
50-388

EA No. 89-42  
Pennsylvania Power and Light Company  
ATTN: Mr. Harold W. Keiser  
Senior Vice President - Nuclear  
2 North Ninth Street  
Allentown, Pennsylvania 18101

Gentlemen:

Subject: NRC Region I Combined Inspection Report Nos. 50-387/89-01 and  
50-388/89-01

This refers to the routine safety inspection conducted by inspectors of this office on January 1, 1989 - February 4, 1989, at the Susquehanna Steam Electric Station, Salem Township, Pennsylvania. The results are documented in the enclosed inspection report. The inspection covered plant operations, surveillance and maintenance activities for both units. At the conclusion of the inspection, Mr. F. Young summarized the inspection findings to Mr. R. Byram and other members of your staff.

Based on the results of this inspection, it appears that certain plant evolutions were not conducted in full compliance with NRC requirements. Of particular concern were the circumstances associated with exceeding the allowable cooldown rate after the reactor trip on January 12, 1989. You did not identify the excessive cooldown rate until several days later. The failure of both the shift crew and your post-trip review process to recognize the cooldown rate demonstrates the need for prompt evaluation and corrective action, especially when considered collectively with several other operating errors that led to recent unplanned trips and ESF actuations.

Although we are not concerned with your overall ability to operate the plant safely, we view the issues associated with these events to be significant and are considering further enforcement action. Accordingly, an Enforcement Conference has been scheduled for 1:00 p.m. on March 21, 1989, to discuss these matters with you in the NRC Region I Office in King of Prussia, Pennsylvania. During the Enforcement Conference, please be prepared to address (1) the safety significance and root cause of the event, (2) broader implications of this event and other operational events, and (3) your corrective actions taken or planned, including measures to prevent recurrence. We will forward an appropriate notification of enforcement action following the conference.

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Your cooperation is appreciated.

Sincerely,

Original Signed By

*for Samuel J. Collins*  
William F. Kane, Director  
Division of Reactor Projects

Enclosure:

NRC Region I Combined Inspection Report Nos. 50-387/89-01 and 50-388/89-01

cc w/encl:

A. R. Sabol, Manager, Nuclear Quality Assurance  
E. A. Heckman, Licensing Group Supervisor  
R. G. Byram, Superintendent of Plant - SSES  
S. B. Ungerer, Manager, Joint Generation Projects Department, Atlantic Electric  
R. J. Benich, Services Project Manager, General Electric Company  
B. A. Snapp, Esquire, Assistant Corporate Counsel  
H. D. Woodeshick, Special Office of the President  
J. C. Tilton III, Allegheny Electric Cooperative, Inc.  
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