

February 6, 2006

Mr. Britt T. McKinney
Sr. Vice President
and Chief Nuclear Officer
PPL Susquehanna, LLC
769 Salem Blvd., NUCSB3
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SUBJECT: SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2 - ISSUANCE OF
AMENDMENT RE: REVISION TO TECHNICAL SPECIFICATION TABLE
3.3.5.1-1 (TAC NO. MC6205)

Dear Mr. McKinney:

The Commission has issued the enclosed Amendment No. 206 to Facility Operating License No. NPF-22 for the Susquehanna Steam Electric Station, Unit 2 (SSES-2). This amendment consists of changes to the Technical Specification (TS) Table 3.3.5.1-1 in response to your application dated January 28, 2005.

This amendment revises the SSES-2 TS Table 3.3.5.1-1, "Emergency Core Cooling System Instrumentation," Function 3.e, "High Pressure Coolant Injection (HPCI) System," to change Condition "D" to "C" as the condition to reference from Required Action A.1. This is an editorial revision to correct a typographical error that had been present since the conversion to the Improved TSs in July 1998.

A copy of our safety evaluation is also enclosed. The Notice of Issuance will be included in the Commission's Biweekly *Federal Register* Notice.

Sincerely,

/RA/

Richard V. Guzman, Project Manager
Plant Licensing Branch I-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-388

Enclosures: 1. Amendment No. 206 to
License No. NPF-22
2. Safety Evaluation

cc w/encls: See next page

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DATE	1/18/06	1/23/06	1/31/06	1/30/06	2/02/06

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443 Orlando Avenue
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PPL SUSQUEHANNA, LLC
ALLEGHENY ELECTRIC COOPERATIVE, INC.
DOCKET NO. 50-388
SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 206
License No. NPF-22

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:
 - A. The application for the amendment filed by the PPL Susquehanna, LLC, dated January 28, 2005, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;
 - C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C.(2) of the Facility Operating License No. NPF-22 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 206 and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. PPL Susquehanna, LLC shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Richard J. Laufer, Chief
Plant Licensing Branch I-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical
Specifications

Date of Issuance: February 6, 2006

ATTACHMENT TO LICENSE AMENDMENT NO. 206

FACILITY OPERATING LICENSE NO. NPF-22

DOCKET NO. 50-388

Replace the following page of the Appendix A Technical Specifications with the attached revised page. The revised page is identified by amendment number and contains marginal lines indicating the areas of change.

REMOVE
TS/3.3-45

INSERT
TS/3.3-45

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 206 TO FACILITY OPERATING LICENSE NO. NPF-22

PPL SUSQUEHANNA, LLC

ALLEGHENY ELECTRIC COOPERATIVE, INC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2

DOCKET NO. 50-388

1.0 INTRODUCTION

By application dated January 28, 2005 (Accession No. ML050390381), PPL Susquehanna, LLC (the licensee), requested changes to the Technical Specifications (TSs) for Susquehanna Steam Electric Station, Unit 2 (SSES-2).

The proposed changes would revise the SSES-2 TS Table 3.3.5.1-1, "Emergency Core Cooling System Instrumentation," Function 3.e, "High Pressure Coolant Injection (HPCI) System," to change Condition "D" to "C" as the condition to reference from Required Action A.1. This is an editorial revision to correct a typographical error that had been present since PPL converted to the Improved TSs in 1998.

2.0 REGULATORY EVALUATION

The Nuclear Regulatory Commission (NRC) finds that PPL, in its January 28, 2005, submittal, identified the applicable regulatory requirements. The regulatory requirement and guidance which the NRC staff considered in its review of the application are as follows:

Section 50.36, "Technical specifications," provides the regulatory requirements for the content required in a licensee's TSs. Section 50.36 states, in part, that the TSs will include SRs to assure that the quality of systems and components is maintained, that facility operation will be within safety limits, and that the limiting conditions for operation (LCO) will be met.

Specifically, 10 CFR 50.36(c)(2)(ii) sets forth four criteria to be used in determining whether an LCO is required to be included in the TSs. These criteria are as follows:

- (a) Installed instrumentation that is used to detect, and indicate in the control room, a significant abnormal degradation of the reactor coolant pressure boundary.
- (b) A process variable, design feature, or operating restriction that is an initial condition of a design-basis accident or transient analysis that either assumes the failure of or presents a challenge to the integrity of a fission product barrier.

- (c) A structure, system, or component that is part of the primary success path and which functions or actuates to mitigate a design-basis accident or transient that either assumes the failure of or presents a challenge to the integrity of a fission product barrier.
- (d) A structure, system or component which operating experience or probabilistic risk assessment has shown to be significant to public health and safety.

Existing LCOs and related surveillances included as TS requirements which satisfy any of the criteria stated above must be retained in the TSs, while those requirements that do not fall within or satisfy these criteria may be relocated to licensee-controlled documents.

3.0 TECHNICAL EVALUATION

3.1 PPL's Proposed Changes

The licensee has proposed the following changes to the TSs:

1. For TS Table 3.3.5.1-1, "Emergency Core Cooling System Instrumentation," Function 3.e, "High Pressure Coolant Injection (HPCI) System," Condition "D" would be changed to "C" as the condition to reference from Required Action A.1.
2. In addition, interim administrative direction previously added to the TS Bases Section 3.3.5.1, Subsection for Action C.1 and C.2, and Action D.1, D.2.1, and D.2.2, would be removed upon approval of the requested change.

3.2 PPL Basis for the proposed change

The proposed change to revise TS Table 3.3.5.1-1 is to correct a typographical error that occurred when preparing a response to an NRC Request for Additional Information (RAI) during the review of documents PPL submitted to the NRC for the conversion to the Improved TSs. The error was documented in the PPL Corrective Action Process. PPL's corrective action was to correct the table and process a license amendment request for the associated TS deficiency under Administrative Letter 98-10, "Dispositioning Specifications that are Insufficient to Assure Plant Safety." In accordance with Administrative Letter 98-10, PPL also revised their TS Bases to provide administrative direction to plant operators until the proposed TS change had been approved by the NRC as a license amendment.

PPL's original Improved TS submittal to the NRC established that Action C was the appropriate Action for TS Table 3.3.5.1-1 HPCI Manual Initiation Function on both Units 1 and 2. A subsequent submittal (to correct the table regarding Unit 2 Suppression Pool Water - High Level) resulted in an inadvertent change to make the required Action "D" for the HPCI Manual Initiation function in Unit 2 Table 3.3.5.1-1.

PPL reviewed their change history to Unit 2 TS Table 3.3.5.1-1 and confirmed that Action "C" is the correct Action to be referenced for HPCI Function 3.e Manual Initiation. Upon a loss of Manual Initiation capability for HPCI, Unit 2 Table 3.3.5.1-1 should direct that Action C is applicable, consistent with Unit 1 Table 3.3.5.1-1.

3.3 NRC Staff Evaluation

The proposed change to Unit 2 TS Table 3.3.5.1 provides a correction to a typographical error that occurred when preparing a change to Unit 2 TS Table 3.3.5.1-1 in response to an NRC RAI. The response was in support of PPL's request to convert to the Improved TSs which was approved by the NRC on July 30, 1998 (Agencywide Documents Access and Management System Accession No. ML010160119).

The NRC staff agrees that upon a loss of manual initiation capability for HPCI, Condition "C" is the applicable action, consistent with the original intent of the TSs and with NUREG-1433, "Standard Technical Specification General Electric Plant BWR [boiling water reactor]/4," which was the approved basis for conversion to the Improved TSs. The proposed change is administrative in nature because it was originally submitted correctly and was inadvertently changed in response to the RAI. Therefore, based on the review of the above changes, the NRC staff concludes that the above editorial correction to TS Table 3.3.5.1-1 and the associated bases page change are administrative in nature and do not affect the safe and reliable operation of the plant. Therefore, the licensee's proposed changes as listed in Section 3.1 are acceptable.

4.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Pennsylvania State official was notified of the proposed issuance of the amendments. The State official had no comments.

5.0 ENVIRONMENTAL CONSIDERATION

The amendments change a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The NRC staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration, and there has been no public comment on such finding (70 FR 24655). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

6.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: R. V. Guzman

Date: February 6, 2006