

UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D.C. 20555

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SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION RELATED TO AMENDMENT NO. 110 TO FACILITY OPERATING LICENSE NO. NPF-14 AMENDMENT NO. 79 TO FACILITY OPERATING LICENSE NO. NPF-22

# PENNSYLVANIA POWER & LIGHT COMPANY

## ALLEGHENY ELECTRIC COOPERATIVE, INC.

## SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2

DOCKET NOS. 50-387 AND 388

## 1.0 INTRODUCTION

By letter dated February 1, 1991, the Pennsylvania Power and Light Company and Allegheny Electric Cooperative, Inc. (the licensees) submitted a request for changes to the Susquehanna Steam Electric Station, Unit 1 and 2, Technical Specifications (TS). The requested changes would correct the inconsistencies between Technical Specification Sections 3/4.8.2 and 3/4.8.3. It also addresses the loss of both divisions of 24 volt DC batteries. This change makes editorial corrections such as correcting numbering of equipment, adding missing "equal to" signs, reordering action statements for clarity and correcting "typos".

## 2.0 EVALUATION

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The existing ACTION statement "d" in Technical Specification 3.8.2.1 requires that with one of the ±24V dc load group battery banks inoperable, declare the associated equipment inoperable and take the action required by the applicable Specification(s). Presently, the inoperability of both ±24V dc load group requires entry into Technical Specification 3.0.3 which allows only one hour before commencing shutdown. The licensee has proposed to include the inoperability of both 24V dc load group battery banks in ACTION statement "d." This change would require the loads on the batteries to be declared inoperable and the applicable load specifications applied. The loads associated with these batteries are as follows:

Intermediate range monitors (IRM) Source range monitors (SRM) Main condenser off-gas pretreatment monitor Process radiation monitors - Grab sample The load specifications for IRM and SRM do not require any ACTION in the operational condition 1. Moreover, the plant would not be forced into an operational condition (2 through 5) where inoperable equipment (SRM/IRM) would be required to function without sufficient time to correct the problem. The load specification 3.3.7.11 ACTION 115 for the main condenser off-gas pre-treatment monitor requires the most restrictive ACTION which allows 72 hours before commencing shutdown. Therefore, ACTION 115 in Technical Specification 3.3.7.11 forms the basis for approving ACTION Statement "d" in Technical Specification 3.8.2.1 for the inoperability of both ±24V dc load group battery banks. With this proposed change, the loss of both divisions of 24V dc battery banks would allow 72 hours instead of 1 hour before commencing shutdown. This change would allow more time to correct the loss of both divisions of 24V dc batteries and is commensurate with the LCO actions for the loss of the loads on these batteries and is, therefore, acceptable.

The licensee has also proposed a revision to Technical Specifications 3.8.3.1 ACTION "b" to change the wording from dc to 125V dc and 250V dc. In addition, the licensee has added a new ACTION statement to address the 24V dc batteries. These changes are necessary to make Technical Specification 3.8.3.1 consistent with Technical Specification 3.8.2.1. In addition, the licensee has made other changes such as correcting equipment numbers, adding a missing "equal to" sign, and other editorial corrections. These proposed changes eliminate confusion for the operators and help interpreting the Technical Specifications correctly and are, therefore, acceptable.

We have reviewed the licensee's submittal and have concluded that ACTION 115 statement in Technical Specification 3.3.7.11 forms the basis for approving ACTION statement "d" in Technical Specification 3.8.2.1 which would allow 72 hours instead of 1 hour before commencing shutdown for the loss of both divisions of 24V dc battery banks. Other Technical Specification changes are editorial in nature and are, therefore, acceptable.

An administrative change was made, with the concurrence of the licensee, to page 3/4 8-15a of the Technical Specifications to clarify an action statement. This change is in complete accord with the no significant hazards consideration notice. Also, the licensee made changes to the Bases to reflect the guidance of Regulatory Guide 1.93. These changes are consistent with Technical Specification 3.8.2.1 and the guidance of Regulatory Guide 1.93.

### 3.0 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.

#### 4.0 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 amendments involve 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 amendments involve no significant hazards consideration, and there has been no public comment on such finding. Accordingly, the amendments meet 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.

#### 5.0 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.

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Date: June 19, 1991