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RECIP.NAME RECIPIENT AFFILIATION
SCHWENCER,A. Licensing Branch 2

SUBJECT: Requests change to Tech Spec re end of cycle recirculation pump trip response time.Proposed changes provide for separate measurement of response times & breaker are suppression times.

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JUL 8 1982

Mr. A. Schwencer, Chief
Licensing Branch No. 2
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
CHANGES TO TECHNICAL SPECIFICATIONS
ER 100450 FILE 841-8
PLA-1157

Docket Nos. 50-387
50-388

Dear Mr. Schwencer:

Pennsylvania Power and Light Company requests that the following changes be incorporated into the Susquehanna SES Unit 1 Technical Specifications; these changes reflect the unique design features of Susquehanna SES and are not generic changes to the Standard Technical Specifications for BWR's:

1. Specifications Involving EOC RPT Response Time

page 1-2: revise Specification 1.12 as indicated on Attachment 1A, to provide agreement with analysis and to reflect the two components that comprise the total response time.

page 3/4 3-41: revise Specification 4.3.4.2.3 as indicated on Attachment 1B

page 3/4 3-44: revise Table 3.3.4.2-3 as indicated on Attachment 1C

page B3/4 3-3: revise Bases 3/4 3.4 as indicated on Attachment 1D

Justification for Changes:

As described in the Bases, the time assumed in the analysis for this function is from initiation of valve movement to complete suppression of the electric arc. The proposed changes provide for separate measurement of the instrument response times and the breaker arc suppression times, as permitted in the existing specification. However, it also permits a summation and comparison against the actual analytic limit rather than requiring the components to be compared to arbitrary limits.

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2. Specification 3/4 5-1, ECCS-Operating

page 3/4 5-4: revise Specifications 4.5.1.b.1 and 4.5.1.b.2 as indicated on Attachment 2A

Justification for Changes:

Calculations carried out to provide a test line pressure reference not presently available in b.2. resulted also in a verification of the reference in b.1. The result of this effort is indicated in the proposed changes, and represents the actual design values.

3. Specification 3/4.6.5, Secondary Containment Integrity

page 3/4 6-31: revise 4.6.5.1.C.2 as indicated on Attachment 3A

Justification for Change:

The flowrate specified in the existing specification applies to both Units 1 and 2. The flowrate for Unit 1 alone is provided so that it may be verified until the licensing of Unit 2, at which time the existing value can be measured.

4. Specification 3/4.8.4.3, Reactor Protection System Electric Power Monitoring

page 3/4 8-33: revise the surveillance requirements as indicated on Attachment 4A.

Justification for Change:

The RPS power supplies, in addition to providing power for the Reactor Protection System, supply control power to primary containment isolation valves. When a channel functional test is performed on an electric power monitoring assembly, one division of selected isolation valves go closed. Among functions lost are Reactor Building Closed Cooling Water to both recirculation pumps, Reactor Building Chilled Water to one recirculation pump and Containment Instrument Gas to the MSIV's. Loss of these functions during operation could result in severe damage to the recirculation pump seals and inadvertent closure of the MSIV's. The proposed change still provides a reasonable testing interval without affecting plant safety and equipment integrity.

5. Table 4.3.9.1-1, Feedwater/Main Turbine Trip System Actuation Instrumentation Surveillance Requirements

page 3/4 3-100: revise the surveillance requirements as indicated on Attachment 5A

Justification for Change:

This instrument is not identical to the high level instrumentation associated with ECCS. A channel check can be performed here, thereby increasing the frequency for channel calibrations consistent with Standard Technical Specification philosophy.

If you have any questions pertaining to these items, please contact Rocky Sgarro at (215) 770-5146.

Very truly yours,

David P. Moyer /for

N. W. Curtis
Vice President-Engineering & Construction-Nuclear

RRS/mks

Attachments

cc: R. L. Perch - NRC
R. R. Bottimore - NRC