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SUBJECT: Forwards application for amends to Licenses NPF-14 & NPF 22, revising Tech Specs to provide editorial correction to approved change for Unit 1 & support mods which enhance capability of drywell cooling sys for Unit 2. Fee paid.

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MAR 27 1986

Director of Nuclear Reactor Regulation
Attention: Ms. E. Adensam, Project Director
BWR Project Directorate No. 3
Division of BWR Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
PROPOSED AMENDMENTS 81 TO NPF-14
AND 34 TO NPF-22
ER 100450 FILE 841-8 Docket Nos. 50-387
PLA-2602 50-388

Dear Ms. Adensam:

The purpose of this letter is to propose changes to the Susquehanna SES Unit 1 and Unit 2 Technical Specifications. The Unit 2 change supports modifications which enhance the capability of the Drywell Cooling system; the Unit 1 change provides an editorial correction to a previously approved change on the same subject.

Attached to this letter are the proposed changes (which are described below) in marked-up form.

A. Unit 2 Specification 3/4.6.6.2

The LIMITING CONDITION FOR OPERATION has been editorially revised to reflect the replacement of one unit cooler subsystem (consisting of 2 unit cooler fans) with 2 recirculation fans. The subject unit cooler subsystem will now be serving the general drywell area and the new recirculation fans will be replacing them with respect to their safety-related function of post-LOCA drywell atmosphere mixing. The ACTION and SURVEILLANCE REQUIREMENTS have been altered to reflect these changes in a consistent manner.

B. Unit 2 Table 3.8.4.1-1

Two pairs of Type HFB-TM circuit breakers have been added to the table to support recirculation fans 2V418A and B which are being added as discussed in A above. Due to the pending changes to the format of this table as described in proposed amendment 25 (ref. PLA-2544, dated October 10, 1985), an additional mark-up of how these changes affect that proposal has been provided.

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C. Unit 1 Specification 3/4.6.6.3

This Specification was revised for the reasons described in A above via Amendment 46 to NPF-14. However, during the review of the Unit 2 changes described above, it was determined that the ACTION had been inadvertently changed on Unit 1 to allow as many as all six fans to be inoperable for up to 30 days. Therefore, this ACTION is being revised to ensure that at least one fan from each pair will be OPERABLE if the ACTION has been entered; otherwise Specification 3.0.3 will be followed.

NO SIGNIFICANT HAZARD CONSIDERATIONS

I. The proposed changes do not involve a significant increase in the probability or consequence of an accident previously evaluated.

A. Unit 2 Specification 3/4.6.6.2: These changes support design improvements to the Drywell Cooling System. The only safety-related aspect of the change is that of post-LOCA hydrogen mixing, and the air flow capability of the new recirculation fans is the same as that of the unit cooler fans formerly used for the same purpose.

B. Unit 2 Table 3.8.4.1-1: The additional circuit breakers were added to meet design criteria specified for the additional recirculation fans, i.e., to provide overcurrent protection for primary containment penetration conductors. Therefore, no previous evaluations are affected.

C. Unit 1 Specification 3/4.6.6.3: As described, this change corrects an error which if left uncorrected, would have allowed a previous evaluation, that of post-LOCA hydrogen mixing, to be improperly supported. Therefore, this change ensures that the probability or consequences of an accident previously evaluated will not be degraded.

II. The proposed changes do not create the possibility of a new or different kind of accident from any accident previously evaluated.

A. Unit 2 Specification 3/4.6.6.2: This equipment change is in accordance with existing design criteria and will not adversely affect the function of any system; therefore, new events are not of concern.

B. Unit 2 Table 3.8.4.1-1: The addition of these thermal magnetic breakers is in accordance with existing design criteria and will not adversely affect the function of any system; therefore, new events are not of concern.

C. Unit 1 Specification 3/4.6.6.3: This change is editorial and ensures the validity of a related analysis. It does not create concerns of a new event.

III. The proposed changes do not involve a significant reduction in a margin of safety.

A. Unit 2 Specification 3/4.6.6.2: As described above, these changes maintain the safety margin currently provided.

B. Unit 2 Table 3.8.4.1-1: These changes ensure the safety margin currently provided for other primary containment penetration conductors.

C. Unit 1 Specification 3/4.6.6.3: As described above, this change will require the intended level of safety margin to be achieved.

IMPLEMENTATION SCHEDULE

The modifications discussed in this proposal will be performed during the Unit 2 first refueling and inspection outage. We therefore request that NRC approval of the Unit 2 changes be issued prior to the start of that outage with the condition that they become effective prior to startup following the outage. We request that the Unit 1 change be issued no later than the Unit 2 change; we will control it administratively until issuance.

Any questions on this proposal should be directed to Mr. R. Sgarro, (215) 770-7855. Pursuant to 10CFR170.22 the appropriate fee is enclosed.

Very truly yours,

H. W. Keiser
Vice President-Nuclear Operations

Attachments

cc: M. J. Campagnone USNRC
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