

OHara, Timothy

From: OHara, Timothy *RT*
Sent: Monday, April 12, 2010 6:14 AM
To: 'Berrick, Howard G.'
Cc: Conte, Richard
Subject: Additional Questions on AFW Piping

Good Morning Howard,

I'd like to have the following information concerning the AFW piping and system. Please put these into your question bank. I'll check with you later today to see when you can provide the information or answers as necessary:

- (1) Please provide a copy of the original AFW piping design specification.
- (2) Please provide a copy of the original AFW piping installation procedure.
- (3) Please provide all of the assumptions which will be used in the FEA. What sensitivity analyses will be performed to test these assumptions?
- (4) Please provide the FSAR design basis and system description for the original AFW system?
- (5) Please provide all design loads used in the original design of the AFW system.
- (6) Please provide all design loads which will be used on the new FEA.
- (7) Does PSEG consider the use of FEA a change in a calculational method? Has a 50.59 review and/or evaluation been completed? If so can PSEG please provide a copy?
- (8) Please provide the basis for the 1950 psi design pressure for the AFW system.
- (9) What portions of the AFW system will have the design pressure changed to 1275 psi? What accident analyses have been completed to support this change of design pressure?
- (10) If the design pressure is changed to 1275 psi how will PSEG ensure that this pressure is not exceeded? Will this change have an affect on existing accident analyses?

- (11) If the AFW system design pressure is changed from 1950 psi to 1275 psi please quantify and explain in detail the change in accident analysis margin?
- (12) Does PSEG anticipate changing the system design pressure for all 4 AFW supply headers?
- (13) Can you confirm that the present AFW piping was the originally installed piping during plant construction?
- (14) Has this latest incident been the only known corrosion discovered on the AFW piping on either Salem Unit 1 or Unit 2?

Thanks for your help.

Tim OHara