From: Mel Gray RI
To: Anne Passarelli
Date: 7/8/04 9:56AM
Subject: Regarding faxed portion of allegation response

Anne,

You asked if PSEGs response to an allegation regarding recirc pump aux impeller "made sense." Anser for me is yes.

The aux impeller is located on the B recirulation pump shaft and spins with shaft. It serves to drive reactor coolant water in the seal cavity area through tube side of mechanical seal heat exchangers. Shell side of htx cooled by RACS.

The fact that there is indication of a rub between aux impeller and stuffing box means the recirc shaft may be bowed, as PSEG has already concluded. The shaft may not be rubbing at normal 100% flow conditions. Then again it may be. But recirc pump vibration is monitored as is seal performance (leakoff and dp across seals). So the problem is monitored.

It is indeed a business decision on how long to run with this condition. I don't the rubbing condition itself will cause a potential sudden seal failure, but the problem has shown itself in premature seal failures at HC and one forced outage. Outages and downpowers are monptired by NRC PIs. So although a business decision, if it impacts safety via initiating events increase, we will see it.

Mel Gray

(Plan to charge about 1.5 hours to allegation support!)

CC: Scott Barber

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