

From: Steven Long *NRR*
To: Patrick O'Reilly *RES*
Date: 4/1/02 8:43AM
Subject: Re: Fwd: Verifying Some Davis Besse PRA Info

release NRR

Pat,

It may be useful to ask the Davis Besse folks about their 0.5 square foot large/medium threshold while you are there. I really don't know why they would be different from other B&W plants. Assuming that the only question involved is whether the LPI and core flood tanks can handle the LOCA without using any high-pressure pumps, it seems strange that this threshold should change for the only B&W plant with a different high-pressure ECCS pump design. On the other hand, maybe the core flood tanks were designed differently because of the intermediate head ECCS pumps. We need to ask, rather than assume why they have a different value than we expect. The people doing analyses with the SPAR models should know, in case it affects their analyses. Even if it doesn't, it is still useful to avoid future repetitions of this discussion.

Steve

>>> Patrick O'Reilly 04/01/02 07:53AM >>> *RES*
Steve,

We will use the information that you received from the licensee and make appropriate changes to the Rev. 3i SPAR model for Davis-Besse. Bear in mind that we use the LOCA frequencies obtained from the RES Initiating Events Study in the SPAR models for every plant, so the resulting CCDPs for LOCAs still might be different from those reported by the licensee for their PRA model, since we do not use their frequencies. We will be able to get a better idea of where the Rev. 3i model stands relative to the licensee's PRA model when we conduct the onsite QA review of the SPAR model with the licensee's PRA staff. As of today, I do not know exactly when that will take place, but it should be sometime in FY 2003.

Pat

CC: Peter Wilson

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