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From: Steve Jones *MLR*
To: Jesse Arildsen; William Orders *NSIR*
Date: Thu, Feb 27, 2003 1:23 PM
Subject: Re: Spent Fuel Pool Memo of 2/10/03

I have the following comments on the subject memo:

The report is a substantial improvement in the depth of analysis, but it is representative of the median initial conditions for the specific class of plant used for modeling only. That is, the results should not be interpreted as bounding for any plant, and the results are not necessarily representative of plants with much higher fuel power densities (i.e., >1000MWe PWRs). I understand that future efforts are planned to address the degree the results are representative of higher power density plants.

The reliability, continuity, and timing of makeup water to mitigate a loss of coolant has not been addressed. In addition to procedural issues, the makeup system is affected by issues related to physical configuration for security and flow capacity, radiological dose considerations for establishment of a flow path after a partial or complete draindown, water sources and confinement issues for the continuity of effective mitigation, and infrequently used flow paths and actions that affect the reliability and timing of mitigation.

The makeup capacity described is optimistic for most BWRs because it does not consider the specific flow path. ons

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Steve Jones

>>> William Orders 02/26/03 09:09AM >>> *NSIR*

Jesse
Could you please get a copy of the memo to Glenn Kelly, Bob Palla, and Steve Jones ASAP. Please have them provide you any comments by COB tomorrow. Then please forward a copy of the comments to me in as much as I am preparing a memo for Roy to respond to Ashok.

Thanks

CC: Glenn Kelly; Joseph Shea; Robert Palla; Sunil Weerakkody; Vonna Ordaz

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H/g