

From:
To:
Date:
Subject:

<Doddcv@~~XXXXXX~~>
<WLS@nrc.gov> <SMC1@nrc.gov>
Thu, Aug 17, 2000 8:00 AM
Re: Sample size

EX 6 W
Schmidt
S. Coffin

Wayne:

The sample size of NDD tubes that I reviewed in the U-bend was about 10 tubes. This was too small to have any statistical significance, based on the total number of defective tubes found in the generators. It did give me a flavor of what was being called and how hard the tubes were to inspect with the new probe. Also, there were differences in the data quality with the new probe. I am wondering if Kewaunee and Prairie Island had lower noise with the new probe.

The use of a pressure test on the tubes made the defects grow in amplitude. If the utility had pressure tested a significant number of tubes (25 ?) in the suspect region of steam generator 24, then there would be greater assurance that nothing was missed. However, from the limited number of tubes that I reviewed, I believe that there are no tubes with U-bend PWSCC that would present a danger to restart for a 4-month period. The midrange probe inspection caught all the defects that leaked under pressure testing, and the high frequency probe caught additional smaller defects.

Caius

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 6
FOIA- 2001-0256

6/66