

From: Wayne Schmidt
To: *Ch...* Doddcv@ [REDACTED] Emmett Murphy, Stephanie Coffin
Date: Mon, Jul 24, 2000 4:13 PM
Subject: Re: Question?

EX 6

See how this strikes you? I want to stay away from the 2000 issues that do not relate to 1997 (i.e., the high frequency +point)

CC: [REDACTED] David Lew

EX 6

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

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Initial Review of Eddy Current Data Following the Tube Failure.

Inspection Scope

The team initially conducted on site reviews of plus point eddy current data being taken on the U-bend locations in 2000, hindsight analysis of plus point eddy current data taken in 1997, and characterization of the flaw in R2C5

Findings:

Initially Con Edison used the same data analysis guidelines as used in 1997 - there had been no revisions.

2000 data indicated high noise in the U-bend areas and low signal to noise ratios. There were no specific criteria to ensure the identification of that defects buried in the noise. As a result of NRC questioning of the high noise, Con Edison and its contractor developed an additional training handout which provided more detail in how to interpret noise in the data stream.

1997 data was just as noisy as the 2000 data and there had been no criteria in place during that outage for ensuring that the noise did not obliterate defects.

The eddy current specialist questioned the phase setup of the 1997 data, finding that it had been incorrect. Con Edison and their contractor subsequently used the correct phase angle setup in evaluation of the 1997 data.(ANTS IP2-97-E, Rev 0, dated 5/8/97)

Initially the Analysis Technique Specification Sheet (ANTS) for the U-bend plus point rotation probe (ANTS IP2-00-Rev 1, dated 2/27/00) was not properly setup, the setup had not changed from the erroneous setup in 1997 (ANTS IP2-97-E, Rev 0, dated 5/8/97). In early March the ANTS was revised (ANTS IP2-00-E, Rev2, dated 3/4/00). to incorporate the appropriate setup in accordance with the ERPI qualification of the probe Examination Technique Specification Sheet (ETTS) # 96511 Pwsc_ubend.doc dated May 1996.