

Toc	Mr.	Wayne Schmidt, N=	C.C	From:	Michae Tumicki, Ir	dian Point 2 Station
Fæx:	(601	337-5320		Pages:	6, including cover	
Phone	: (610	237-5315		Diates	01/31/01	
Re:	R20	67 tube information	request	CC:	NRC 95003 Inaped	tion file
□ Urgo	ant	For Review	□ Please Co	mment	□ Please Reply	□ Please Recycle
report	IZ OTH	*: Wayne, here is the rently off site but if y next week. We did	DUREED a COOV	of the apo	ilcab a nagge thou o	d me the Field Service

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F2 C67 indication was identified by Westinghouse on June 8, 1997 @ 04×0 am. (see altached C-Scan plot)

Also attached is a copy of the analysis log entries for the dates requested. There are no entries regarding S/G-24 R2 C67. Analysis log books are typically process oriented - i.e. what type of work happened, what should happen next, were there any notable problems and any changes in shift status. The reported signal in S/G-24 R2 C67 was a typical U-bend indication and, therefore, from the analysis perspective, not remarkable enough to warrant a log entry.

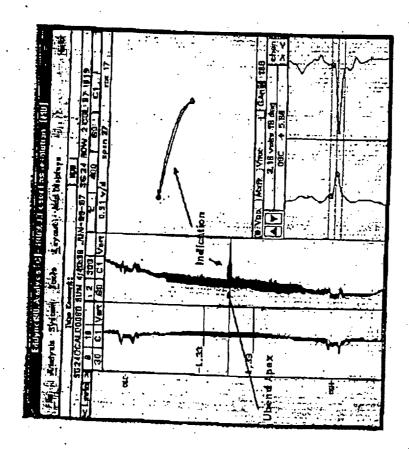
The daily reports were provided to Con Edison by Westinghouse, but these Indication lists were not kept as a permanent record. The daily indication lists are considered an interim informational product and are typically disposed of when the database is final. Con Edison requested Westinghouse to determine if an electronic copy would exist in the computer system. Westinghouse Informed Con Edison the daily indication I sts were not available. Interim lists were normally overwritten in order to preserve limited here drive space.

Con Eolson Sr. Engineer was informed by Westinghouse on June 8, 1997 that R2 C67 had an axial indication at the center of the U-bend, the axial extent was 0.40 inch or the ID and it was detected by a +Point probe. This was determined by interviews with the Sr. Engineer, As noted above, the daily indication lists were not retained as permanent records. Also, as roted in the attached plugging list, (NRC RAI Leter dated Merch 24, 2000 response to question 1, Table 14 which shows a complete listing of Steam Generator 24 Tubes Plugged in 1997), R2 C67 was plugged. The exact date of plugging may be located in the 1997 Field Service Report which is not currently located on-site. Retrievability would delay this response, hence if is not included here. Please advise if this is a required data point.

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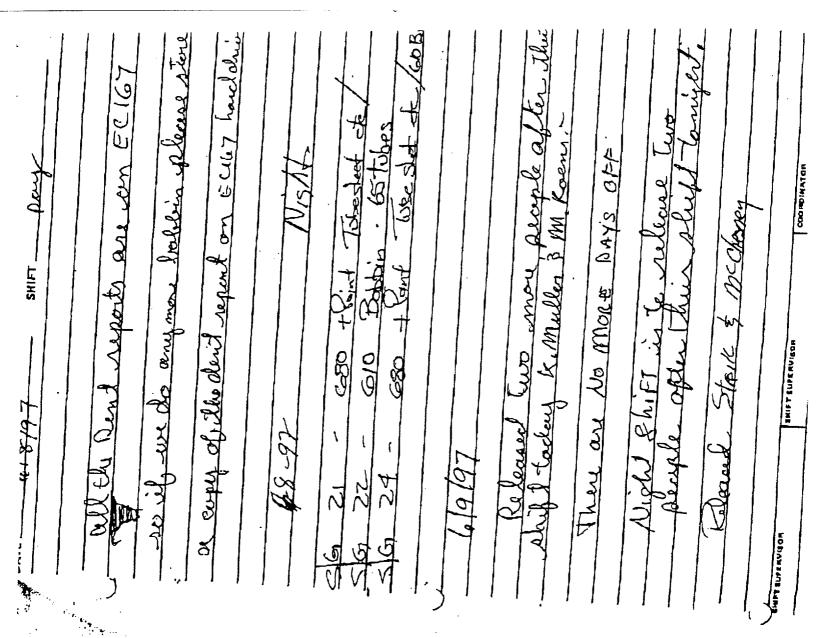
Exhibit 6
R2C67 plus point data for indication reported during 1997
- Lissajous display.



JAN-31-2001 12:02

914 737 6045

P.03



JAN-31-2001 12:02

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P.04

## NRC RAI Letter dated March 24, 2000

## Question 1

Provide the inspection results (i.e., number, location, size, type of indications found in all four steam generators) for both the 1997 and 2000 ontage inspections. Also, provide a separate list of pluggable indications and reasons for plugging.

## Reply

Tables 1, 3, 5, 7, 9, 11, 13, and 15 provide the lists of tubes with indications and types of indications found in 1997 and 2000. Tables 2, 4, 6, 8, 10, 12, 14, and 16 list the tubes plugged and the primary reason for the plugging. Not all tubes were plugged based on pluggable indications. Tubes were also plugged because of restrictions to a 610 probe, the inability to completely analyze the entire length of a tube and administratively for other preventive reasons. The reasons listed for tubes plugged in 1997 are those reported to the NRC after that refueling outage. A review of the tubes plugged for u-bend restrictions concluded that the probes did not pass through the top support plate, and were the result of probe geometry (length), probe cable rigidity, and operator efforts, rather than definite reductions of cross section in the u-bend region of the tubes. The answer to question 11of the RAI, dated April 28, 2000 discusses these restrictions in depth. Table 17 shows the number and types of indications found in all four steam generators in 1997 and 2000.

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Table 1 - Steam Generator 21, Indications 1997
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Appendix A Abbreviations Used in Tables 1-17

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Table 2 - Steam Generator 21, Tubes Plugged 1997

Table 3 - Steam Generator 21, Indications 2000

Table 4 - Steam Generator 21, Tubes Plugged 2000

Table 5 - Steam Generator 22, Indications 1997

Table 7 - Steam Generator 22, Indications 2000

Table 16 - Steam Generator 24, Tubes Plugged 2000

Table 17 - Number and Type of Indications Found During Inspections in 1997 and 2000

JAN-31-2001	12.02

Cecce PI (48%, MAI) 610 bobbla restricted Roll transition indic.

> 3.37 inches above TEH 1.32 inches above TSC

Within TSP 6C

5.96 inches above TEH

5.88 inches above TEH

0.10 inch below TSC

Top of TSC

2.62 inches below TSH 9.64 inches above TEH

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Within TSP 5H

Within TSP 3H

41%

Cecco Sel

Cocco FT (MAJ) Cecco TSI (PIT) Cocco TSI (PIT)

AdminMug

610 +Poin RST @ 6C

Center of 6C

0.06 inch above TSI

Location

1.09 inch above TEC

Restriction at 6H

VOL

Comment Cecco TSI

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Cocco PI (98%, MAI) Coxo PI (MAI, SCI)

Cocco SP1 Cecco TSI

0.14 inch below top of TSH

Within TSP 5H

2.60 inches above TEH

0.08 inch below TSC

Within TSP 6H Within TSP 4H

5.77 inches above TEH 3.00 inches above TEH

Cecco FI (MAI) Cecco FI (VOL)

Cocco FI (MAI)

Cocco SPI Cecco SP1 Roll transition indic.

Cecco SPJ Cecco TSI Admin/Plug

610 +Point BDA @ 2H 610 +Point BDA @ 6H

0.8 inch below TSH

0.30 inch above TSC

Cocco SP Cecco TSI AdminMug

Adminstrue Admin/Plug

610 +Point RST @ SC, 6C

Within TSP 3H

Apex of U-bead Within TSP 6H

610 +Point BDA @ 2H

Cocco SPI SAI

Note: " Notabon in parenthesis indicates a characterization by +Point

Cocco SP1 Cecco TS

TOTAL	P.06
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TOTAL