From: Andrea Keim
To: Harold Chernoff
Date: Wed, May 5, 2004 1:27 PM
Subject: Re: Point Beach Requested Order Relaxation

I will be available tomorrow at 2:00. Terence/Bill will you be available?

Thanks,

Andrea

>>> Harold Chernoff 05/05/04 01:18PM >>>
The attached e-mail contains three files. Two of the files relate to penetration 26. The licensee has identified a flaw on this penetration. They are still in the process of evaluation/characterization/buffing. They will probably make a final determination on acceptability on 5/6/04 in the morning. The third file contains an excel data table of inspection limitations encountered as related to the Order and their 3/30/04 relaxation request (note: you should open this table with excel - when I opened it with the groupwise viewer portions of the data were not displayed).

This information is preliminary and intended to provide the basis for a teleconference. **We would like to set up a teleconference on 5/6/04 in the afternoon. I will suggest 1400 hrs.** Please let me know if you can support this time or if another time would be better.

hkc

Harold Chernoff, Project Manager - Point Beach
Project Directorate III-1
Division of Licensing Project Management
Office of Nuclear Reactor Regulation
Office: (301) 415-4018 Fax: (301) 415-1222

CC: Terence Chan; William Koo

B-6

From: "Gadzala, Jack" <Jack.Gadzala@nmcco.com>
To: "Harold K Chernoff (E-mail)" <hkc@nrc.gov> NRR
Date: Wed, May 5, 2004 12:23 PM

Harold,

Attached are three documents regarding the PBNP U1 RV head inspection results. The two Word documents focus on the nozzle 26 inspection. These documents are provided in support of a conference call with the NRR technical staff regarding relaxation of the RV head inspection Order and Code relief that may be needed if repairs must be made on nozzle 26.

CC: "Michael R Morris (E-mail)" <rmm3@nrc.gov>, <msh@nrc.gov>

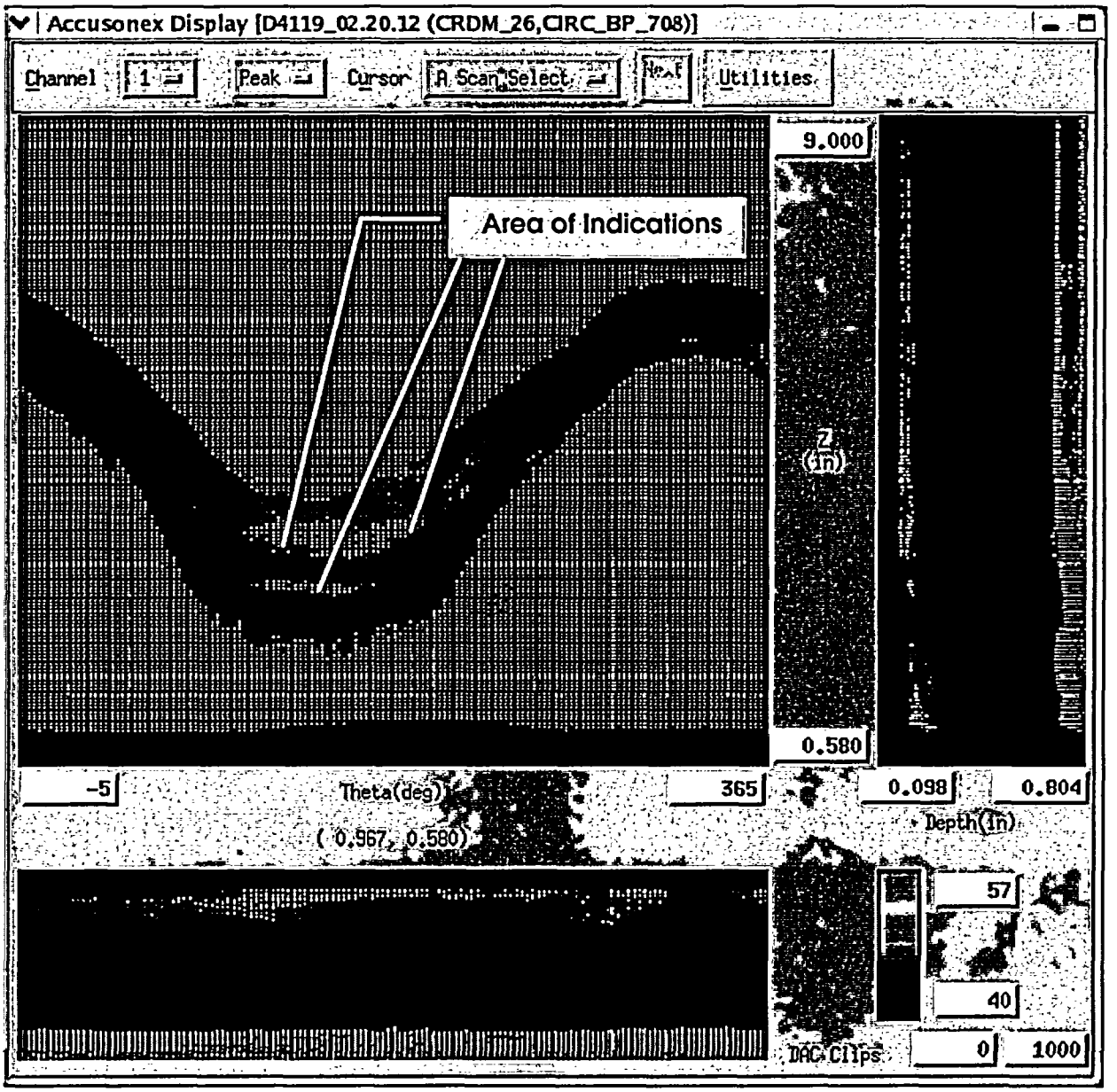
To:	Brian Kemp & Bill Jensen		
From:	Kent C. Gebetsberger / AREVA UT Level III	**Customer:**	NMC
Subject:	CRDM Nozzle 26 Fabrication Indication Parameters	**Date:**	May 4, 2004

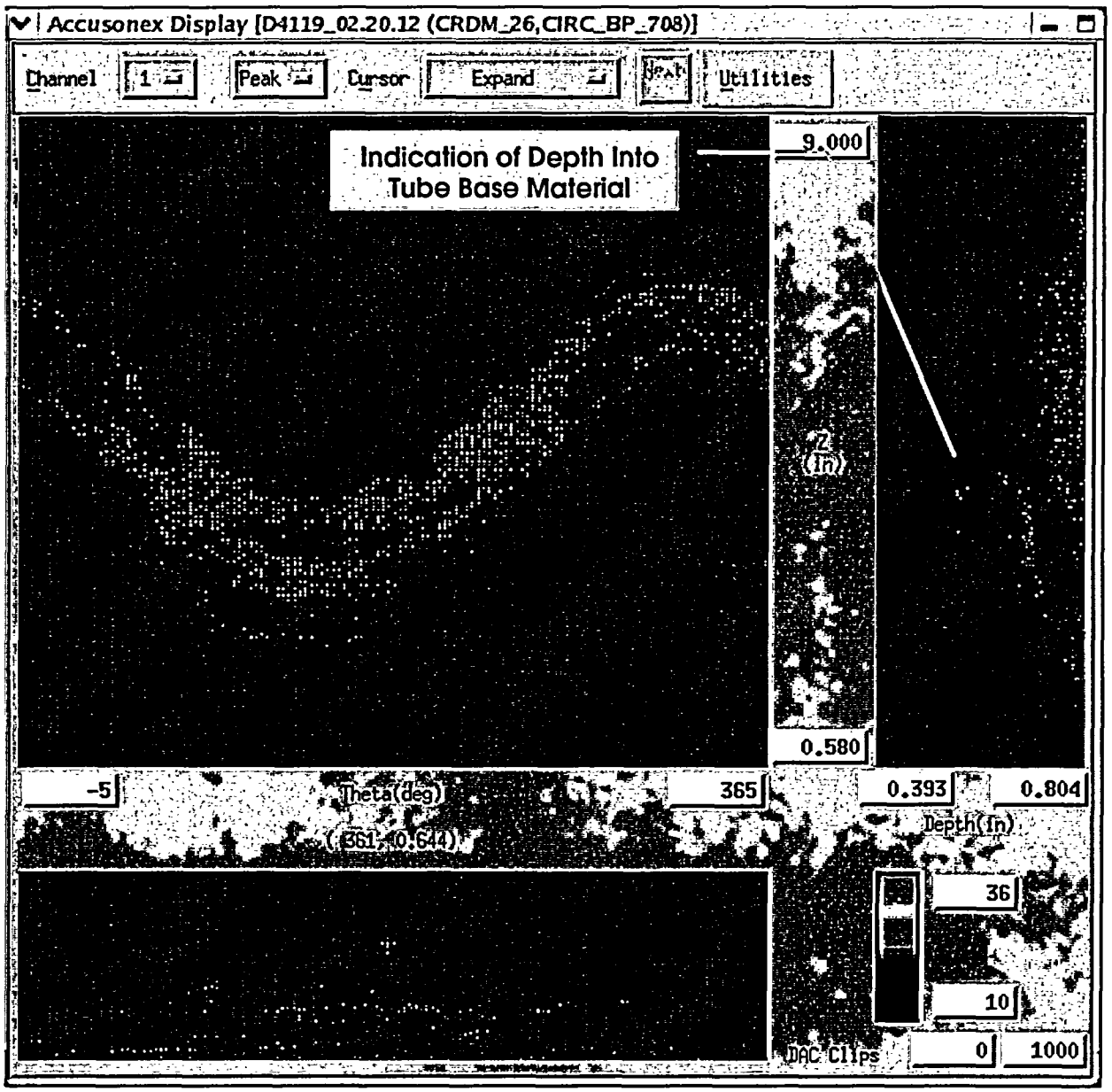
CRDM Nozzle 26 was UT inspected with an AREVA Circumferential Blade Probe. The blade probe recorded fabrication indication that had nominal dimensions at the following theta (circumferential locations);

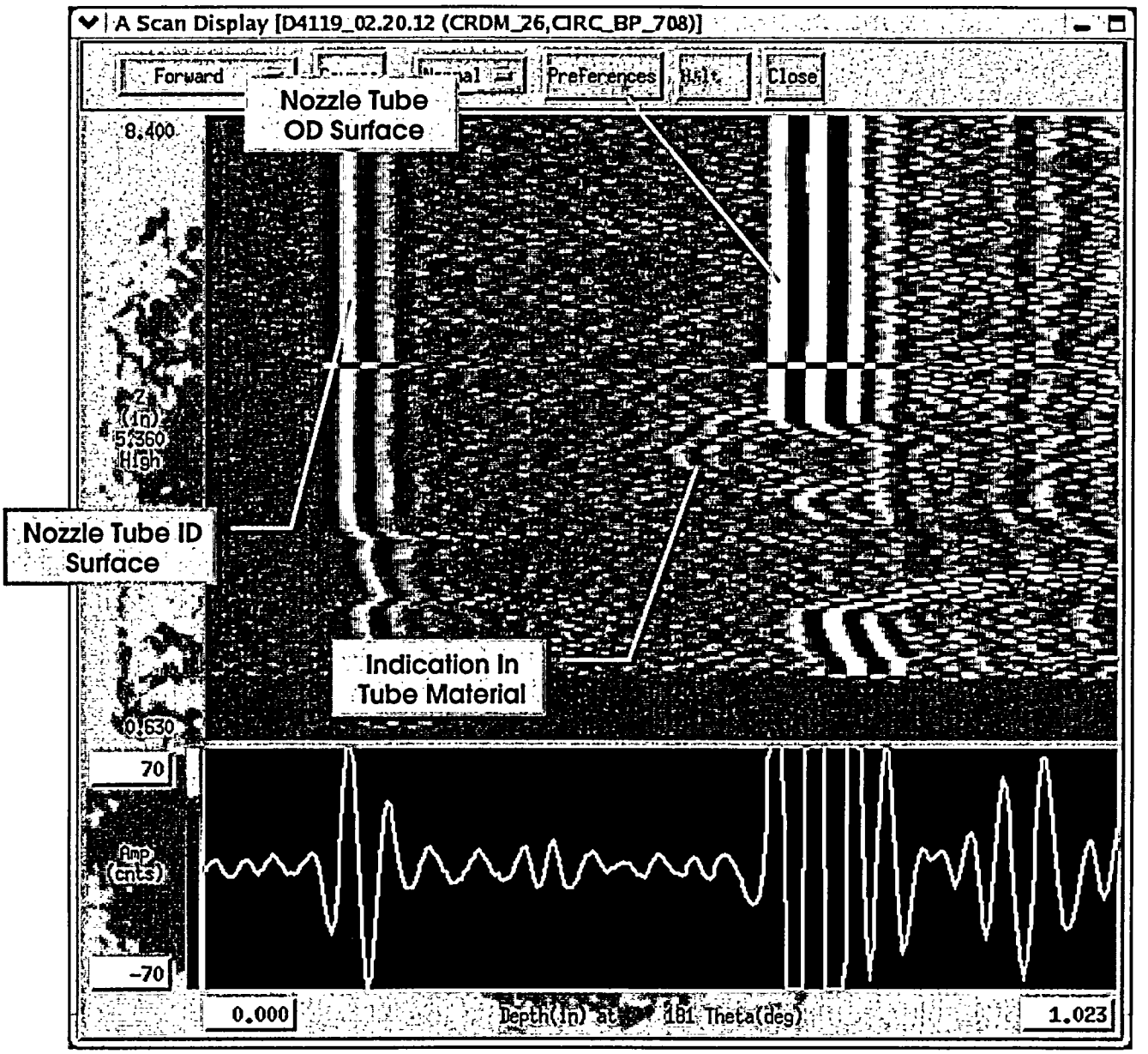
Theta Location	Depth of Indication (from ID)	
Start @ 3 deg.	0.526	
Stop @ 5 deg.	0.529	
Start @ 16 deg.	0.517	
Stop @ 41 deg.	0.518	
Start @ 308 deg.	0.601	
Stop @ 316 deg.	0.591	
Start @ 352 deg.	0.545	
Stop @ 360 deg.	0.515	

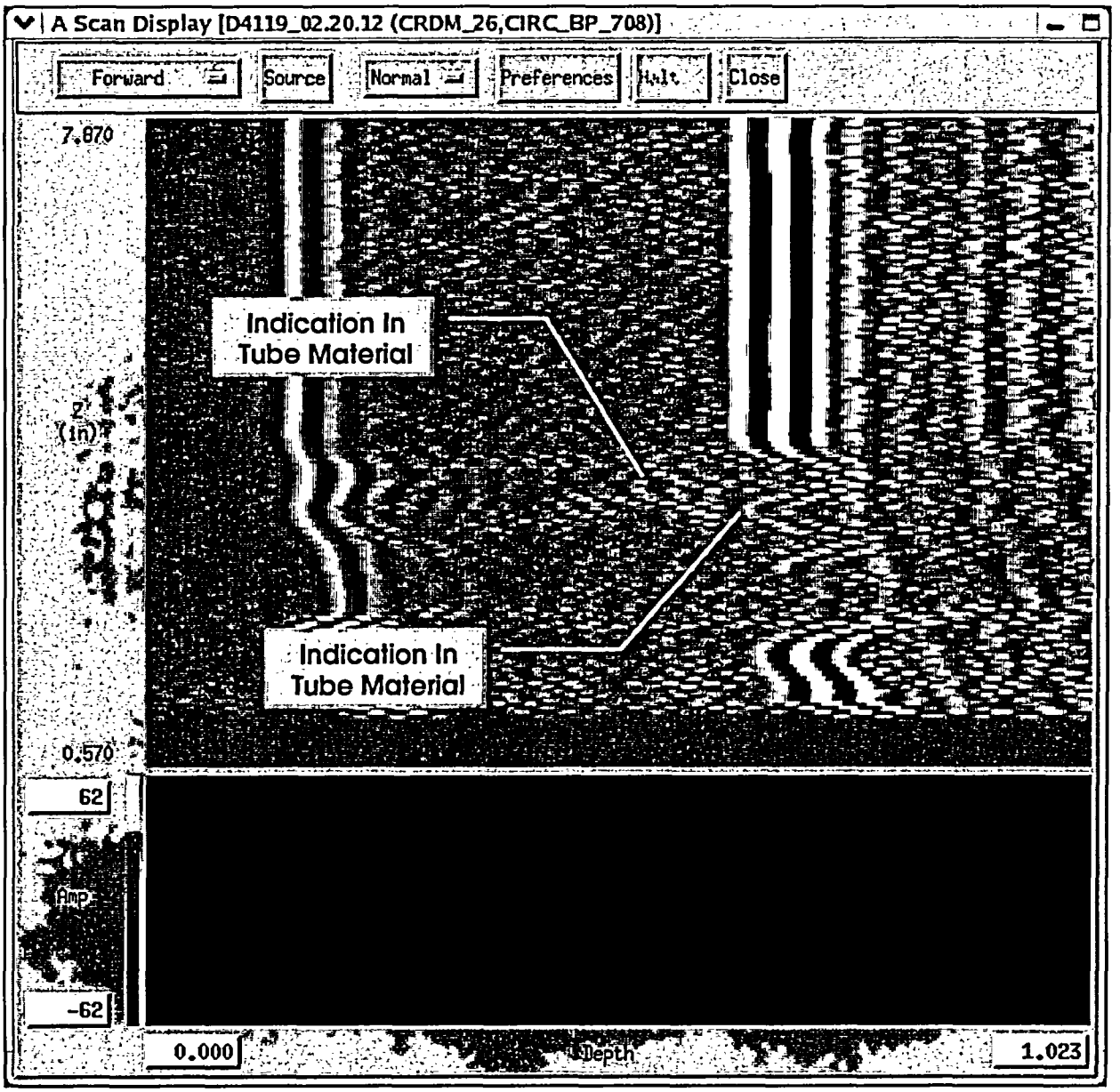
The theta location was re-zeroed to place the most down-hill location as the UT zero.

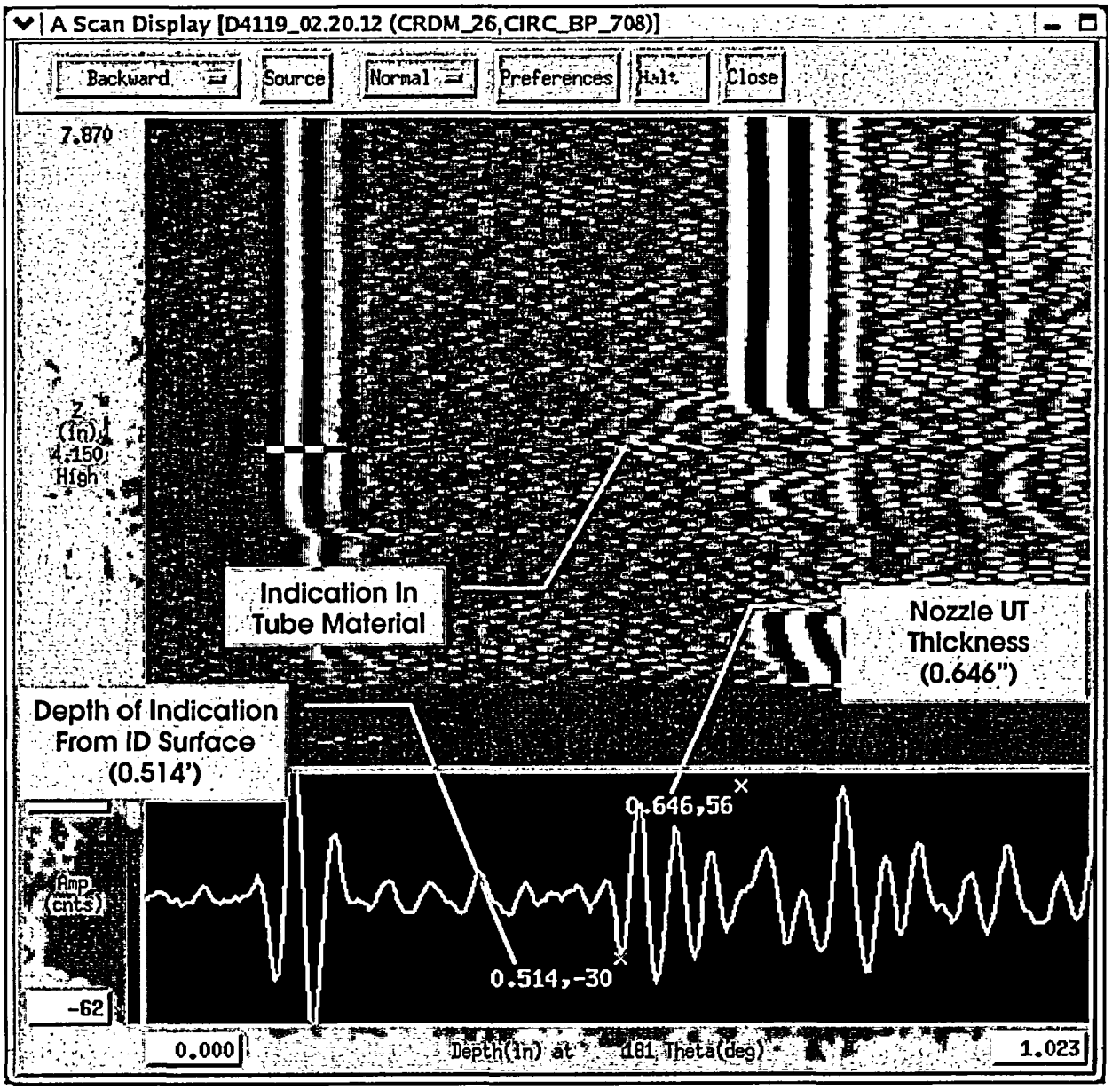
Point Beach Unit 1 (U1R28) CRDM Nozzle Penetration Number 26




Accusonex Display [D4119_02.20.12 (CRDM_26,CIRC_BP_708)]
Channel
1
Peak
Cursor
Expand
Utilities
Indication of Depth Into Tube Base Material
9.000
Z (in)
0.580
-5
Theta(deg)
365
(361, 0.644)
0.393
0.804
Depth(in)
36
10
DAC Clips
0
1000


A Scan Display [D4119_02.20.12 (CRDM_26,CIRC_BP_708)]
Forward
Preferences
Close
Nozzle Tube OD Surface
Nozzle Tube ID Surface
Indication In Tube Material
8.400
Z (in)
5.360
High
0.630
70
Amp (cnts)
-70
0.000
Depth(in) at 181 Theta(deg)
1.023


A Scan Display [D4119_02.20.12 (CRDM_26,CIRC_BP_708)]
Forward
Source
Normal
Preferences
Close
7.870
Indication In Tube Material
Z (in)
Indication In Tube Material
0.570
62
Amp
-62
0.000
Depth
1.023


A Scan Display [D4119_02.20.12 (CRDM_26,CIRC_BP_708)]
Backward
Source
Normal
Preferences
Close
7.870
Z (In) 4.150 High
L
Indication In Tube Material
Nozzle UT Thickness (0.646")
Depth of Indication From ID Surface (0.514')
0.646,56
0.514,-30
Amp (cnts)
-62
0.000
Depth(in) at d81 Theta(deg)
1.023

AREVA

Point Beach Unit 1 (U1R28)

RVH	Coverage in RVHP Nozzle Material									Leak Path Data
Pen #	Nozzle Degree	Min. Distance Above Up-Hill Weld Root	Coverage Above Weld Root (Theta)	Coverage @ Weld Root (Theta)	Weld Region Coverage (Theta)	Below Weld Coverage (Theta)	Minimum ID Distance Below Weld Achieved on Down-Hill Side	Minimum OD Distance Below Weld Achieved on Down-Hill Side	If OD Distance is LESS than 1.0", what is circ Extent LESS than 1.0" (List start - end)	Min. Dist. Above Interference Fit Region
1	0	3.11	360	360	360	360	1.514		n/a	2.64
2	19.4	3.80	360	360	360	360	1.504		n/a	n/a
3	19.4	3.48	360	360	360	360	1.594		n/a	n/a
4	19.4	3.68	360	360	360	360	1.404		n/a	0.26"
5	19.4	3.59	360	360	360	360	1.594		n/a	0.24
6	13.6	7.45	360	360	360	360	N/A	N/A	n/a	2.62
7	13.6	7.40	360	360	360	360	N/A	N/A	N/A	0.71
8	13.6	7.30	360	360	360	360	N/A	N/A	n/a	2.70
9	13.6	7.30	360	360	360	360	N/A	N/A	n/a	1.28
10	28.1	3.51	360	360	360	360	1.654		n/a	2.7"
11	28.1	3.20	360	360	360	360	1.394		n/a	n/a
12	28.1	3.60	360	360	360	360	1.074		110	0.63
13	28.1	3.60	360	360	360	360	1.124		17	0.43"
14	31.8	3.9	360	360	360	360	1.494		n/a	n/a
15	31.8	3.39	360	360	360	360	1.394		n/a	n/a
16	31.8	3.80	360	360	360	360	0.974		110	2.90"
17	31.8	3.09	360	360	360	360	1.554		n/a	n/a
18	29.9	3.40	360	360	360	360	1.394		n/a	n/a
19	29.9	3.49	360	360	360	360	1.394		n/a	1.76"
20	29.9	3.57	360	360	360	360	0.834		104	n/a
21	29.9	2.30	360	360	360	360	1.504		n/a	n/a
22	31.8	3.48	360	360	360	360	1.404		n/a	1.67"
23	31.8	3.19	360	360	360	360	1.594		n/a	n/a
24	31.8	3.43	360	360	360	360	1.074		64	0.32"
25	31.8	3.28	360	360	360	360	1.394		n/a	n/a
26	36.9	2.02	360	360	360	360	1.264		25	n/a
27	36.9	2.90	360	360	360	360	1.344		50	n/a
28	36.9	3.01	360	360	360	360	0.924		95	2.72

29	36.9	3.85	360	360	360	360	1.164		99	n/a
30	36.9	3.24	360	360	360	360	1.174		100	n/a
31	36.9	2.89	360	360	360	360	1.134		70	n/a
32	36.9	3.80	360	360	360	318	N/A	N/A	n/a	n/a
33	36.9	2.57	295	295	298	54	N/A	N/A	n/a	n/a
34	43.3	4.10	360	360	360	360	N/A	N/A	n/a	N/A
35	43.3	4.16	360	360	360	360	N/A	N/A	n/a	2.51
36	43.3	4.60	360	360	360	360	N/A	N/A	n/a	1.50
37	43.3	3.95	360	360	360	360	N/A	N/A	n/a	1.78
38	9.6	3.38	360	360	360	360	1.694		n/a	n/a
39	9.6	3.24	360	360	360	360	2.064		n/a	0.54
40	9.6	3.40	360	360	360	360	1.494		n/a	2.27*
41	9.6	3.15	360	360	360	360	1.694		n/a	0.55
42	21.8	6.54	360	360	360	360	N/A	N/A	n/a	2.51
43	21.8	6.61	360	360	360	360	N/A	N/A	n/a	2.42
44	21.8	6.69	360	360	360	360	N/A	N/A	n/a	2.67
45	21.8	6.83	360	360	360	360	1.16	N/A	n/a	1.81
46	21.8	7.10	360	360	360	360	N/A	N/A	n/a	3.10
47	21.8	6.80	360	360	360	360	N/A	N/A	n/a	1.36
48	21.8	6.60	360	360	360	360	N/A	N/A	n/a	2.14
49	21.8	6.56	360	360	360	360	N/A	N/A	n/a	0.71
Vent-Line			360	360	360	360	N/A	N/A		N/A

Procedure 54-ISI-100-11 Step 9.3.3 Limitation: 0.394

		VT Coverage	
Leak Path Assessment Possible?		VT Sat	VT Comments
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			
Yes			

Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
N/A