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Millstone Power Station
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Dominion

OCT 2 2006

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
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DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3
SPECIAL REPORT, STEAM GENERATOR TUBE INSERVICE INSPECTION

Pursuant to the Millstone Unit No. 3 Technical Specifications (TS) Surveillance Requirement 4.4.5.5.b and TS 6.9.2, Dominion Nuclear Connecticut, Inc. (DNC) hereby forwards Enclosure 1, "Special Report, Steam Generator Tube Inservice Inspection" documenting the results of steam generator tube inspection activities conducted during the tenth refueling outage.

This letter does not establish any new commitments. Should you have any questions or require additional information, please contact Mr. David W. Dodson at (860) 447-1791, extension 2346.

Very truly yours,

J. Alan Price
Site Vice President - Millstone

Enclosure (1)

Commitments made in this letter: None.

A047

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Serial No.: 06-768
Docket No.: 50-423

ENCLOSURE 1

SPECIAL REPORT

STEAM GENERATOR TUBE INSERVICE INSPECTION

Inspections Ended on October 12, 2005,
in Refueling Outage 10

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3

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SPECIAL REPORT

STEAM GENERATOR TUBE INSERVICE INSPECTION

Inspections Ended on October 12, 2005,
in Refueling Outage 10

Millstone Unit 3 (MP3) is a four loop Westinghouse PWR with Westinghouse Model F Steam Generators (SG). Each SG contains 5626 U-bend thermally treated Inconel 600 tubes. The tubing is nominally 0.688 inch outside diameter with a 0.040-inch nominal wall thickness. During SG fabrication, the tubes were hydraulically expanded over the full depth of the 21.23-inch thick tubesheet. The tubesheet was drilled on a square pitch with 0.98-inch spacing. There are 59 rows and 122 columns in each SG. The radius of the row 1 U-bends is 2.20 inches. U-bends, in rows 1 through 10 were stress relieved after being formed. Secondary side tube support structures include eight plate supports with broached holes on the vertical section of the tubes and six anti-vibration bars on the U-bend section of the tubes.

The SGs have accrued 13.9 Effective Full Power Years (EFPY) of operation as of the end of Cycle 10 (October 2005). The net 1,157 MWe[1] Unit 3 operates with a hot leg temperature of 617 degrees Fahrenheit.

The Millstone Unit 3 SG eddy current testing (ECT), conducted at the end of Cycle 10, was completed on October 12, 2005. The examinations, personnel, and equipment conformed to the requirements of NEI 97-06, rev. 1, Steam Generator Program Guidelines; EPRI Pressurized Water Reactor Steam Generator Examination Guidelines: Revision 6; and Millstone Unit 3 Technical Specifications. One hundred percent of the operational tubes within SGs 'A' and 'C', a total of 11,207 tubes (approximately 50 percent of the total population of tubes), were inspected full length. The majority of the inspections were performed with bobbin probes. Due to tube restrictions, 136 of the low radius U-bends were examined by a Motorized Rotating Pancake Coil (MRPC) technique in addition to the bobbin probe examination of the straight legs of the tubes. An augmented sample, 6930 tube locations, was inspected with rotating probes incorporating plus point coils. The rotating probe inspections were performed in areas of special interest including hot leg expansion transitions, tube overexpansion locations within the hot leg tubesheet, low row U-bends, and dents, as well as locations where the bobbin probe response was ambiguous. The 6930 sample included bounding examinations for Possible Loose Part (PLP) indications and for new Single Volumetric Indication (SVI) detections. The only indications of degradation recorded were attributed to mechanically induced wear. ECT identified two tubes with forty-two (42) and thirty-seven (37) percent throughwall (TW) anti-vibration bar (AVB) wear. Both tubes were plugged. No other tubes were removed from service.

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[1] When the NSSS is operating at its warranted output of 3,425 MWt, the net electrical output is approximately 1,157 MWe. (The Updated Final Safety Analysis Report, Section 1.1.)

There were 259 AVB wear indications reported in SG 'A' and 59 in SG 'C'. Of these, SG 'A' had 62 new indications reported and SG 'C' had 10. The maximum depth of AVB wear reported was 42% TW. The average wear rate for SG 'A' was 0.94% TW with a standard deviation of 3.24% over the past two operating cycles. The average wear rate for SG 'C' was 1.61% TW with a standard deviation of 3.00% over the same period.

Six new Possible Loose Part indications were recorded (see Table 2) during the eddy current examination. The adjacent areas were inspected visually. One piece of weld wire was identified and removed. Only sludge was present at the other locations. In those cases, the sludge was broken up or removed via magnet, and subsequent ECT revealed no PLP indications. There was no wear reported at any of the locations.

The extent for the roll transition area examination was top of tube sheet hot (TSH) +3/-3 inches. This area was selected based on historical experience in this high residual stress area. Fifty percent of the tubes in each of the two SGs were inspected in the roll transition area. No evidence of any stress corrosion cracking was detected.

MRPC inspections were conducted in the U-bend region of 379 Row 1 and Row 2 tubes. This region also has the potential to contain high residual stresses. No evidence of any of the stress corrosion cracking mechanisms was detected.

Recent operating experience has identified the potential for stress corrosion cracking to initiate in areas where tubes were expanded into machining defects within the tubesheet, thus creating high residual stresses. 1,054 of these overexpansion locations were examined. No evidence of any of the stress corrosion cracking mechanisms was detected.

Table 1 – "Refueling Outage 10 ECT Summary" provides an overall summary in tabular form. This table was previously transmitted to the NRC in Attachment 1 to the 15-day Steam Generator Tube Plugging Report, Serial 05-718, on October 26, 2005. Please be advised that the previously transmitted table has been revised to incorporate minor numerical changes that were included in the final reports provided by the ECT Contractor. The table is correct as it appears in this document.

In summary, 100% of the in service tubes in SG 'A' and SG 'C' (11,207 tubes) were inspected, TEC-TEH. Two tubes, both containing indications of AVB wear, were plugged (see Table 3). As a result of the inspection, SG 'A' and SG 'C' were classified as C-1. Tube sheet maps and listings which detail the inspection results are included as Attachments 1 through 6 to this Report.

TABLE 1 – REFUELING OUTAGE 10 ECT SUMMARY

	SG A	SG C	Total
Number of Tubes (SG 'A' and 'C' only)	5,626	5,626	11,252
Number of Tubes Inspected F/L w/Bobbin Probe	5,227	5,252	10,479
Number of Tubes Inspected w/Bobbin Probe Hot Leg and Cold Leg Candy Canes	365	363	728*
Previously Plugged Tubes	34	11	45
Number of Tubes Incomplete w/Bobbin Probe due to Obstruction	0	0	0
Number of Tube Inspections w/MRPC (Total)	3,610	3,320	6,930
•Hot Leg Transitions - Original Scope (tubes)	2,813	2,813	5,626
•Hot Leg Transitions - Scope Expansion (tubes)	0	0	0
•Hot Leg OXP ≥ 28V (+3 / -16) (tubes)	182	25	207
•Row 1 and 2 U-Bends – Original Scope (tubes)	122	121	243
•Row 1 and 2 U-Bends – Additional Scope (tubes)	67	69	136*
•U-Bends – Additional Scope (tubes)	11	1	12
•Hot Leg Misc. Special Interest - Diagnostic Exams and from Previous History (tubes)	229	163	392
•Cold Leg Transitions - Scope Expansion (tubes)	0	0	0
•Cold Leg Misc. Special Interest - Diagnostic Exams and from Previous History (tubes)	104	55	159
•U-bend. Special Interest – Diagnostic Exams and from Previous History (tubes)	0	1	1
•PLP / SVI Bounding Special Interest (examinations)	82	72	154
Tubes with Max AVB Wear ≥ 40 %	1	0	1
Tubes with Max AVB Wear ≥ 20% but < 40%	56	14	70
Tubes with Max AVB Wear < 20%	78	11	89
Tubes with Max SVI ≥ 40 %	0	0	0
Tubes with Max SVI ≥ 20% but <40%	5	2	7
Tubes with Max SVI < 20%	7	14	21
Tubes Plugged as a result of SVI ≥ 37 %	0	0	0
Tubes Plugged as a result of AVB Wear ≥ 37 %	2	0	2
Tubes Plugged as a result of an Obstruction	0	0	0
Tubes Plugged on a discretionary basis	1	0	1
Total Tubes Plugged as a Result of this Inspection	2	0	2

*For 136 tubes, straight legs were examined with bobbin probes, U-bends with MRPC

TABLE 2 – LOOSE PARTS SUMMARY

SG	Location	Description	Method of Discovery	Removed
A	R28 C112 R28 C113 01H +0.5"	2" long piece of weld wire was removed. No wear was reported.	ECT	Yes
A	R29 C109 R29 C110 TSC +0.1"	Location inspected visually, no part identified. Sludge deposits removed with magnet, PLP signal disappeared. No wear was reported.	ECT	No
A	R30 C108 TSC +0.1"	Location inspected visually, no part identified. Some sludge was noted. No wear was reported.	ECT	No
C	R51 C45 TSH +0.1"	Location inspected visually, nothing was found. No wear was reported.	ECT	No
C	R56 C45 R56 C46 TSH +0.1"	Location inspected visually. Sludge flake observed, broken up when touched with video probe. No wear was reported.	ECT	No

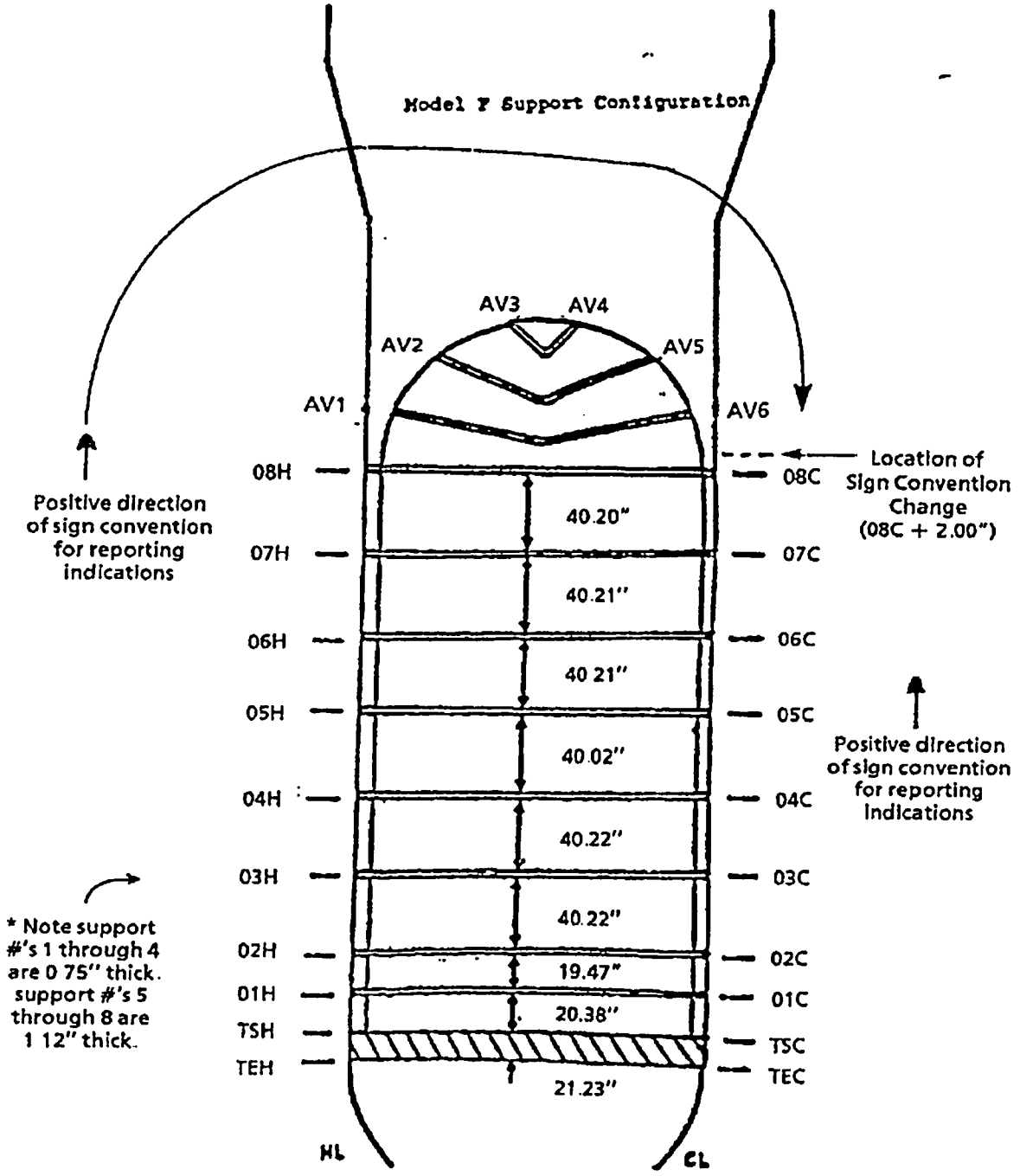
TABLE 3 – TUBES PLUGGED

S/G	Location	Reason
A	R44 C60	Tube was plugged for AVB wear greater than or equal to 40 % – actual wear was 42% through wall.
A	R53 C33	Tube was plugged on a discretionary basis with actual AVB wear at 37% through wall.

ACRONYMS

AVB	Anti-Vibration Bar
BLG	Bulge
C	Column
CL	Cold Leg
DDH	Ding or Dent Signal - Reviewed in History
DDI	Distorted Dent or Ding Indication
DDS	Ding or Dent Signal - Non-Confirming w/RPC
DNG	Ding
DNT	Dent Indication
ECT	Eddy Current Test
EFPY	Effective Full Power Years
EPRI	Electric Power Research Institute
ETSS	Examination Technique Specification Sheet
FDB	Flow Distribution Baffle
HL	Hot Leg
INF	Indication Not Found
INR	Indication Not Reportable
LPI	Loose Part Indication
LPR	Loose Part Removed
LPS	Loose Part Signal
MRPC	Motorized Rotating Pancake Coil
NDD	No Detectable Degradation
NDE	Nondestructive Examination
NDF	No Degradation Found
NEI	Nuclear Energy Institute
NQH	Non-quantifiable Indication - Reviewed in History
NQI	Non-quantifiable Indication
OA	Operational Assessment
OXP	Over Expansion
PID	Positive Identification
PLG	Tube is plugged
PLP	Possible Loose Part
PTE	Partial Tubesheet Expansion
PWR	Pressurized Water Reactor
R	Row
RAD	Retest Analyst Discretion
RBD	Retest - Bad Data
RIC	Retest - Incomplete
RRT	Retest - Restricted Tube
S/N	Signal-to-Noise Ratio
SAI	Single Axial Indication
SCI	Single Circumferential Indication
SG	Steam Generator
SLG	Sludge
SSI	Secondary Side Inspection
SVI	Single Volumetric Indication
TEC	Tube End Cold-leg
TEH	Tube End Hot-leg
TFH	Tangential Flawlike Signal - Reviewed in History
TFS	Tangential Flawlike Signal - Non-confirming w/RPC
TSC	Top of Tubesheet Cold-leg
TSH	Top of Tubsheet Hot-leg
TTS	Top of Tubesheet
TWD	Through Wall Depth
% TW	Percent Throughwall
VOL	Volumetric Indication

FIGURE 1: STEAM GENERATOR ARRANGEMENT



NOTE: Support spacing values given are center-to-center

ATTACHMENTS TO ENCLOSURE 1

1. Tube Sheet Map and Listing – DNG Indications
2. Tube Sheet Map and Listing - DNT Indications
3. Tube Sheet Map and Listing – PLP / LPR Indications
4. Tube Sheet Map and Listing – SVI Indications
5. Tube Sheet Map and Listing - % TW AVB Indications
6. Tube Sheet Map and Listing - VOL Indications

ATTACHMENT 1

TUBE SHEET MAP AND LISTING

DNG INDICATIONS

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3

Millstone Unit 3
10/05 - 3R10

DNG Indications

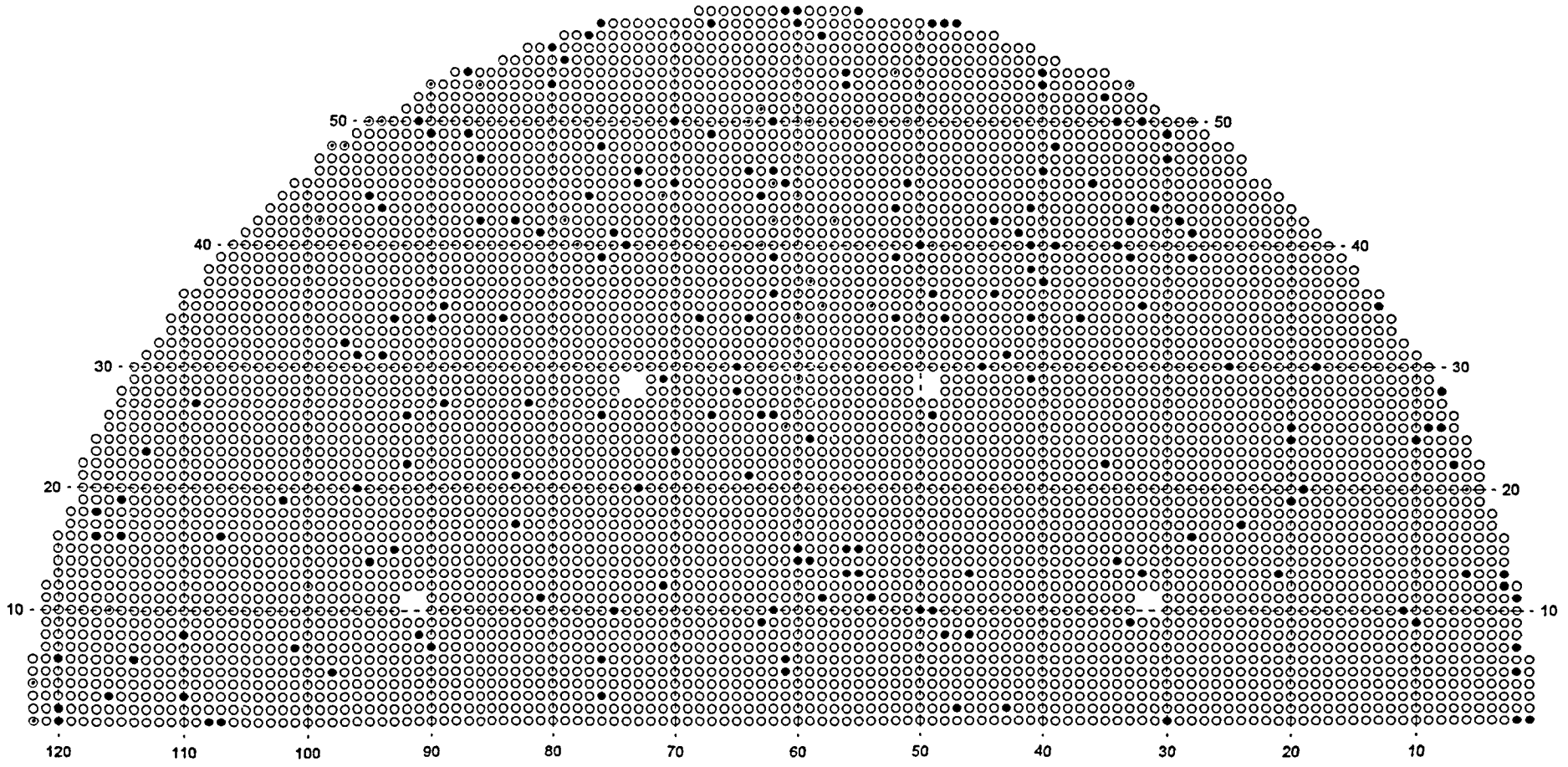
FANP - FDMS map module Version 3.2

GROUP	IND/TUBES
DNG Indications	251/187

S/G A
HOT
PRIMARY FACE

TOTAL TUBES: 5626
SELECTED TUBES: 187
OUT OF SERVICE (#): 36

SCALE: 0.083214 X
Wed Dec 14 00:10:17 2005
Millstone Unit 3: S/G A HOT
W - f series



Bobbin DNG Indications

QUERY: DNG Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
1	1	10.87	176	1	DNG		TSC	+18.76	08C	TEC			51	COLD	560UL
1	2	4.22	178	1	DNG		TSH	+18.96	08H	TEH			30	HOT	560UL
		2.37	180	1	DNG		TSH	+19.31	08H	TEH			30	HOT	560UL
1	30	0.88	181	1	DNG		06C	+4.00	08C	TEC			49	COLD	560UC
1	107	4.11	185	1	DNG		01H	+12.72	08H	TEH			30	HOT	560UL
1	108	2.07	177	1	DNG		TSH	+17.03	08H	TEH			30	HOT	560UL
1	120	16.44	174	1	DNG		TSC	+19.20	08C	TEC			51	COLD	560UL
2	43	2.16	186	1	DNG		03H	+31.01	08H	TEH			30	HOT	560UL
2	47	3.57	185	1	DNG		03H	+29.40	08H	TEH			30	HOT	560UL
2	120	2.48	187	1	DNG		02C	+11.40	08H	TEC			49	COLD	560UC
3	76	4.51	173	1	DNG		03C	+15.89	08H	TEC			48	COLD	560UC
		2.42	170	1	DNG		03C	+14.82	08H	TEC			48	COLD	560UC
3	110	0.99	174	1	DNG		07H	+21.62	08H	TEH			30	HOT	560UL
3	116	3.06	183	1	DNG		01H	+15.57	08H	TEH			30	HOT	560UL
5	2	2.74	185	1	DNG		04H	+6.96	TEH	TEC			45	COLD	560UL
		5.00	184	1	DNG		08H	+5.54	TEH	TEC			45	COLD	560UL
5	61	2.25	184	1	DNG		05C	+37.37	TEH	TEC			29	COLD	560UL
5	98	2.82	181	1	DNG		02H	+35.32	TEH	TEC			23	COLD	560UL
6	61	4.39	183	1	DNG		03H	+7.52	TEH	TEC			30	COLD	560UL
		5.40	183	1	DNG		06H	+6.05	TEH	TEC			30	COLD	560UL
		4.17	185	1	DNG		06H	+7.51	TEH	TEC			30	COLD	560UL
6	76	5.15	183	1	DNG		03H	+23.58	TEH	TEC			26	COLD	560UL
6	114	3.50	183	1	DNG		02H	+28.96	TEH	TEC			22	COLD	560UL
6	120	5.78	182	1	DNG		08H	+16.97	TEH	TEC			22	COLD	560UL
7	2	8.66	177	1	DNG		08H	+3.82	TEH	TEC			45	COLD	560UL
7	90	1.13	177	1	DNG		02C	+6.79	TEH	TEC			23	COLD	560UL
7	101	1.81	178	1	DNG		02H	+10.90	TEH	TEC			23	COLD	560UL
8	46	5.94	184	1	DNG		03C	+16.57	TEH	TEC			26	COLD	560UL
8	48	3.04	188	1	DNG		02H	+4.64	TEH	TEC			28	COLD	560UL
8	91	3.65	183	1	DNG		02H	+8.18	TEH	TEC			24	COLD	560UL
8	110	2.15	176	1	DNG		08H	+6.70	TEH	TEC			22	COLD	560UL
9	10	3.76	185	1	DNG		TSC	+11.41	TEH	TEC			45	COLD	560UL
9	33	2.50	186	1	DNG		02H	+32.67	TEH	TEC			43	COLD	560UL
9	63	1.86	176	1	DNG		07H	+20.93	TEH	TEC			29	COLD	560UL
		0.68	159	1	DNG		07H	+19.87	TEH	TEC			29	COLD	560UL
10	11	5.01	178	1	DNG		07H	+29.60	TEH	TEC			46	COLD	560UL
10	49	3.82	186	1	DNG		03H	+33.41	TEH	TEC			28	COLD	560UL
		4.95	185	1	DNG		AV6	+5.13	TEH	TEC			28	COLD	560UL
10	50	11.43	182	1	DNG		05H	+1.02	TEH	TEC			28	COLD	560UL
10	62	3.80	183	1	DNG		02C	+23.95	TEH	TEC			32	COLD	560UL
10	75	6.05	182	1	DNG		02H	+16.63	TEH	TEC			30	COLD	560UL
		2.36	182	1	DNG		02H	+22.98	TEH	TEC			30	COLD	560UL
		2.81	182	1	DNG		02H	+29.31	TEH	TEC			30	COLD	560UL
11	2	4.01	181	1	DNG		08H	+3.13	TEH	TEC			45	COLD	560UL
11	54	3.10	181	1	DNG		08H	+3.68	TEH	TEC			27	COLD	560UL
11	58	2.97	182	1	DNG		05C	+20.54	TEH	TEC			27	COLD	560UL
11	81	2.81	184	1	DNG		06C	+20.29	TEH	TEC			23	COLD	560UL
12	3	6.90	182	1	DNG		04H	+16.38	TEH	TEC			46	COLD	560UL
		1.78	177	1	DNG		04H	+17.16	TEH	TEC			46	COLD	560UL
12	71	2.14	186	1	DNG		TSC	+13.94	TEH	TEC			30	COLD	560UL
13	3	2.19	185	1	DNG		01H	+14.54	TEH	TEC			45	COLD	560UL
13	6	2.86	187	1	DNG		07H	+8.23	TEH	TEC			45	COLD	560UL
13	21	2.44	185	1	DNG		02H	+33.59	TEH	TEC			43	COLD	560UL
13	32	1.39	172	1	DNG		06C	+12.76	TEH	TEC			43	COLD	560UL
		3.26	180	1	DNG		06H	+9.96	TEH	TEC			43	COLD	560UL
		4.01	180	1	DNG		06C	+13.85	TEH	TEC			43	COLD	560UL
13	46	2.49	185	1	DNG		04H	+14.79	TEH	TEC			25	COLD	560UL
13	55	11.64	179	1	DNG		08H	+3.89	TEH	TEC			27	COLD	560UL
13	56	3.92	181	1	DNG		TSH	+18.76	TEH	TEC			27	COLD	560UL
		5.78	180	1	DNG		08H	+4.04	TEH	TEC			27	COLD	560UL
14	34	2.20	180	1	DNG		08H	+9.21	TEH	TEC			44	COLD	560UL
14	59	3.01	178	1	DNG		AV6	+4.12	TEH	TEC			32	COLD	560UL
14	60	4.20	180	1	DNG		AV6	+3.84	TEH	TEC			32	COLD	560UL
		6.80	180	1	DNG		AV6	+10.58	TEH	TEC			32	COLD	560UL
14	95	2.28	180	1	DNG		08H	+9.21	TEH	TEC			24	COLD	560UL
15	55	7.64	180	1	DNG		08H	+4.11	TEH	TEC			27	COLD	560UL
15	56	3.21	181	1	DNG		07H	+27.46	TEH	TEC			27	COLD	560UL
		1.95	174	1	DNG		07C	+26.72	TEH	TEC			27	COLD	560UL
15	60	8.38	180	1	DNG		08H	+4.17	TEH	TEC			31	COLD	560UL
15	93	5.38	181	1	DNG		02C	+18.95	TEH	TEC			23	COLD	560UL
		1.78	172	1	DNG		02C	+17.85	TEH	TEC			23	COLD	560UL
16	28	4.67	183	1	DNG		02C	+19.15	TEH	TEC			40	COLD	560UL
16	107	3.83	179	1	DNG		TSH	+3.04	TEH	TEC			14	COLD	560UL
		6.28	182	1	DNG		TSH	+4.09	TEH	TEC			14	COLD	560UL
		2.13	174	1	DNG		TSH	+15.77	TEH	TEC			14	COLD	560UL
		3.16	174	1	DNG		TSH	+16.80	TEH	TEC			14	COLD	560UL
		2.88	172	1	DNG		TSC	+13.96	TEH	TEC			14	COLD	560UL
		2.22	176	1	DNG		TSC	+12.89	TEH	TEC			14	COLD	560UL
16	115	3.42	182	1	DNG		07H	+29.22	TEH	TEC			16	COLD	560UL
16	117	2.12	185	1	DNG		03H	+28.52	TEH	TEC			16	COLD	560UL

Bobbin DNG Indications

QUERY: DNG Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
17	24	2.44	179	1	DNG		07C	+20.97	TEH	TEC			41	COLD	560UL
17	83	4.13	181	1	DNG		AV6	+11.05	TEH	TEC			37	COLD	560UL
18	117	2.28	183	1	DNG		05C	+23.42	TEH	TEC			16	COLD	560UL
19	20	2.47	188	1	DNG		02H	+17.96	TEH	TEC			41	COLD	560UL
19	102	5.08	181	1	DNG		02C	+16.29	TEH	TEC			13	COLD	560UL
19	115	1.00	169	1	DNG		03C	+23.37	TEH	TEC			15	COLD	560UL
		1.98	172	1	DNG		03C	+22.12	TEH	TEC			15	COLD	560UL
20	19	2.24	184	1	DNG		03C	+15.38	TEH	TEC			42	COLD	560UL
20	73	3.71	185	1	DNG		02H	+25.70	TEH	TEC			38	COLD	560UL
20	96	2.28	177	1	DNG		02C	+6.96	TEH	TEC			14	COLD	560UL
21	64	5.09	174	1	DNG		08H	+1.63	TEH	TEC			35	COLD	560UL
21	83	2.25	180	1	DNG		02H	+26.54	TEH	TEC			37	COLD	560UL
22	7	3.25	171	1	DNG		07H	+38.41	TEH	TEC			42	COLD	560UL
		12.54	181	1	DNG		07H	+38.93	TEH	TEC			42	COLD	560UL
22	35	2.98	186	1	DNG		06C	+25.80	TEH	TEC			40	COLD	560UL
22	92	2.29	187	1	DNG		06H	+12.50	TEH	TEC			14	COLD	560UL
23	70	37.57	187	1	DNG		06H	+24.30	TEH	TEC			35	COLD	560UL
23	113	2.71	188	1	DNG		03C	+20.23	TEH	TEC			15	COLD	560UL
		4.01	185	1	DNG		03C	+19.06	TEH	TEC			15	COLD	560UL
		2.66	188	1	DNG		03C	+17.84	TEH	TEC			15	COLD	560UL
		2.93	188	1	DNG		02C	+38.87	TEH	TEC			15	COLD	560UL
24	10	9.23	179	1	DNG		07H	+18.44	TEH	TEC			42	COLD	560UL
		2.29	178	1	DNG		07H	+17.39	TEH	TEC			42	COLD	560UL
24	20	2.01	183	1	DNG		03C	+26.23	TEH	TEC			42	COLD	560UL
24	59	2.69	187	1	DNG		02H	+33.74	TEH	TEC			36	COLD	560UL
25	8	2.75	176	1	DNG		07H	+26.29	TEH	TEC			41	COLD	560UL
		2.26	186	1	DNG		TSC	+8.35	TEH	TEC			41	COLD	560UL
		2.81	186	1	DNG		TSC	+6.11	TEH	TEC			41	COLD	560UL
		2.85	183	1	DNG		TSC	+1.61	TEH	TEC			41	COLD	560UL
25	9	0.55	167	1	DNG		07H	+20.84	TEH	TEC			41	COLD	560UL
		1.67	175	1	DNG		07H	+21.89	TEH	TEC			41	COLD	560UL
25	20	3.51	183	1	DNG		02H	+19.13	TEH	TEC			41	COLD	560UL
26	49	3.93	183	1	DNG		03H	+33.41	TEH	TEC			34	COLD	560UL
26	62	1.63	170	1	DNG		07H	+23.71	TEH	TEC			5	COLD	560UL
		4.21	180	1	DNG		07H	+24.85	TEH	TEC			5	COLD	560UL
26	63	3.38	177	1	DNG		05C	+25.19	TEH	TEC			5	COLD	560UL
26	67	2.42	181	1	DNG		TSC	+5.80	TEH	TEC			5	COLD	560UL
26	76	13.10	180	1	DNG		02C	+20.74	TEH	TEC			2	COLD	560UL
26	92	2.68	186	1	DNG		07H	+3.85	TEH	TEC			8	COLD	560UL
27	82	2.14	179	1	DNG		06H	+22.82	TEH	TEC			1	COLD	560UL
27	89	2.53	187	1	DNG		04H	+5.11	TEH	TEC			7	COLD	560UL
27	109	2.71	175	1	DNG		02C	+36.38	TEH	TEC			11	COLD	560UL
28	8	5.55	183	1	DNG		03C	+38.43	TEH	TEC			38	COLD	560UL
28	65	2.39	179	1	DNG		01C	+6.41	TEH	TEC			5	COLD	560UL
29	41	1.32	175	1	DNG		06H	+27.71	TEH	TEC			33	COLD	560UL
29	71	3.16	186	1	DNG		02H	+23.89	TEH	TEC			4	COLD	560UL
30	18	5.26	185	1	DNG		TSH	+2.72	TEH	TEC			38	COLD	560UL
30	25	2.80	184	1	DNG		06C	+34.40	TEH	TEC			38	COLD	560UL
30	45	3.13	181	1	DNG		03C	+30.83	TEH	TEC			34	COLD	560UL
30	65	3.27	187	1	DNG		01C	+9.64	TEH	TEC			5	COLD	560UL
31	43	2.12	177	1	DNG		06C	+16.50	TEH	TEC			33	COLD	560UL
31	94	4.18	179	1	DNG		03H	+33.36	TEH	TEC			9	COLD	560UL
31	96	2.86	184	1	DNG		01C	+6.81	TEH	TEC			9	COLD	560UL
32	97	3.63	184	1	DNG		03C	+21.61	TEH	TEC			10	COLD	560UL
34	37	3.90	183	1	DNG		01H	+0.89	TEH	TEC			40	COLD	560UL
34	41	1.45	168	1	DNG		07C	+2.69	TEH	TEC			34	COLD	560UL
34	48	2.02	186	1	DNG		02H	+17.95	TEH	TEC			33	COLD	560UL
34	52	2.94	185	1	DNG		01H	+18.28	TEH	TEC			17	COLD	560UL
34	64	3.50	181	1	DNG		02H	+19.27	TEH	TEC			5	COLD	560UL
34	68	5.59	179	1	DNG		03C	+20.75	TEH	TEC			3	COLD	560UL
34	84	4.15	177	1	DNG		07H	+36.32	TEH	TEC			7	COLD	560UL
		9.75	183	1	DNG		07H	+37.42	TEH	TEC			7	COLD	560UL
		3.41	175	1	DNG		07H	+38.75	TEH	TEC			7	COLD	560UL
34	90	2.24	187	1	DNG		03C	+4.70	TEH	TEC			8	COLD	560UL
		2.97	182	1	DNG		02C	+8.73	TEH	TEC			8	COLD	560UL
34	93	4.47	184	1	DNG		04H	+8.67	TEH	TEC			8	COLD	560UL
35	13	1.97	166	1	DNG		TSC	+1.80	TEH	TEC			37	COLD	560UL
35	32	4.20	186	1	DNG		01H	+1.54	TEH	TEC			40	COLD	560UL
35	89	3.86	184	1	DNG		01C	+10.75	TEH	TEC			7	COLD	560UL
36	44	2.00	182	1	DNG		02H	+19.02	TEH	TEC			19	COLD	560UL
36	49	2.47	180	1	DNG		AV1	+16.52	TEH	TEC			19	COLD	560UL
36	62	2.37	178	1	DNG		07C	+1.07	TEH	TEC			5	COLD	560UL
		7.47	181	1	DNG		07C	+11.04	TEH	TEC			5	COLD	560UL
		2.75	177	1	DNG		07C	+9.90	TEH	TEC			5	COLD	560UL
37	40	2.07	190	1	DNG		04C	+26.57	TEH	TEC			33	COLD	560UL
38	41	4.81	178	1	DNG		07H	+38.38	TEH	TEC			20	COLD	560UL
		2.71	182	1	DNG		AV6	+16.55	TEH	TEC			20	COLD	560UL
		4.80	179	1	DNG		AV6	+21.37	TEH	TEC			20	COLD	560UL
39	28	2.68	182	1	DNG		03C	+22.85	TEH	TEC			40	COLD	560UL
39	33	1.31	166	1	DNG		05C	+5.23	TEH	TEC			39	COLD	560UL

Bobbin DNG Indications

QUERY: DNG Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
39	52	2.33	179	1	DNG		03C	+36.97	TEH	TEC			18	COLD	560UL
39	62	5.21	179	1	DNG		07H	+27.72	TEH	TEC			6	COLD	560UL
39	76	0.71	178	1	DNG		06C	+19.35	TEH	TEC			2	COLD	560UL
40	34	2.62	184	1	DNG		TSH	+15.14	TEH	TEC			40	COLD	560UL
40	39	1.15	172	1	DNG		07H	+39.18	TEH	TEC			19	COLD	560UL
40	41	3.47	179	1	DNG		08H	+1.71	TEH	TEC			20	COLD	560UL
40	50	2.45	185	1	DNG		03H	+12.08	TEH	TEC			18	COLD	560UL
40	74	3.27	190	1	DNG		TSH	+4.04	TEH	TEC			1	COLD	560UL
41	28	1.62	166	1	DNG		07C	+39.14	TEH	TEC			40	COLD	560UL
41	42	4.28	191	1	DNG		06H	+36.13	TEH	TEC			19	COLD	560UL
41	75	4.89	184	1	DNG		07H	+38.99	TEH	TEC			1	COLD	560UL
41	81	1.94	177	1	DNG		05H	+34.65	TEH	TEC			2	COLD	560UL
42	29	6.03	187	1	DNG		04C	+24.28	TEH	TEC			40	COLD	560UL
		2.28	186	1	DNG		04C	+27.83	TEH	TEC			40	COLD	560UL
42	33	3.85	180	1	DNG		06H	+2.52	TEH	TEC			40	COLD	560UL
42	44	2.49	176	1	DNG		TSH	+0.85	TEH	TEC			19	COLD	560UL
42	83	2.74	173	1	DNG		02C	+0.92	TEH	TEC			2	COLD	560UL
42	86	2.34	175	1	DNG		03H	+15.93	TEH	TEC			8	COLD	560UL
43	31	0.96	170	1	DNG		05H	+33.62	TEH	TEC			39	COLD	560UL
43	41	2.14	169	1	DNG		07H	+37.76	TEH	TEC			19	COLD	560UL
		3.75	177	1	DNG		07H	+38.82	TEH	TEC			19	COLD	560UL
43	52	3.57	182	1	DNG		02C	+11.31	TEH	TEC			18	COLD	560UL
43	94	4.23	180	1	DNG		AV6	+24.02	TEH	TEC			9	COLD	560UL
44	63	5.17	179	1	DNG		07H	+37.21	TEH	TEC			6	COLD	560UL
		4.01	179	1	DNG		07C	+32.88	TEH	TEC			6	COLD	560UL
		2.95	175	1	DNG		07C	+31.80	TEH	TEC			6	COLD	560UL
		1.15	181	1	DNG		07C	+36.89	TEH	TEC			6	COLD	560UL
44	77	2.16	187	1	DNG		02H	+39.10	TEH	TEC			1	COLD	560UL
44	95	4.59	183	1	DNG		TSH	+12.50	TEH	TEC			10	COLD	560UL
45	36	4.50	179	1	DNG		07H	+38.46	TEH	TEC			40	COLD	560UL
		2.98	170	1	DNG		07H	+37.50	TEH	TEC			40	COLD	560UL
45	51	4.00	182	1	DNG		AV6	+17.58	TEH	TEC			18	COLD	560UL
45	61	2.21	184	1	DNG		06C	+8.01	TEH	TEC			6	COLD	560UL
45	70	2.67	181	1	DNG		03C	+10.69	TEH	TEC			4	COLD	560UL
45	73	2.39	178	1	DNG		07H	+34.86	TEH	TEC			3	COLD	560UL
46	40	1.29	169	1	DNG		07C	+38.45	TEH	TEC			19	COLD	560UL
46	62	1.98	173	1	DNG		07H	+33.44	TEH	TEC			5	COLD	560UL
		3.35	175	1	DNG		07C	+35.91	TEH	TEC			5	COLD	560UL
		1.24	167	1	DNG		07H	+32.42	TEH	TEC			5	COLD	560UL
46	64	2.11	171	1	DNG		07C	+36.41	TEH	TEC			5	COLD	560UL
		1.47	167	1	DNG		07C	+35.29	TEH	TEC			5	COLD	560UL
46	73	4.30	185	1	DNG		02C	+23.48	TEH	TEC			4	COLD	560UL
		4.87	185	1	DNG		02C	+22.11	TEH	TEC			4	COLD	560UL
47	30	1.65	178	1	DNG		04C	+14.74	TEH	TEC			40	COLD	560UL
47	86	4.33	185	1	DNG		04C	+6.78	TEH	TEC			7	COLD	560UL
48	39	2.21	179	1	DNG		07C	+20.69	TEH	TEC			19	COLD	560UL
48	76	2.94	188	1	DNG		AV3	+4.67	TEH	TEC			2	COLD	560UL
		2.52	188	1	DNG		AV3	+0.85	TEH	TEC			2	COLD	560UL
49	30	1.53	169	1	DNG		07C	+38.21	TEH	TEC			40	COLD	560UL
		0.49	169	1	DNG		07C	+37.08	TEH	TEC			40	COLD	560UL
49	67	3.29	182	1	DNG		AV6	+20.31	TEH	TEC			5	COLD	560UL
49	87	2.66	175	1	DNG		05C	+37.88	TEH	TEC			8	COLD	560UL
49	90	2.43	183	1	DNG		02H	+10.13	TEH	TEC			7	COLD	560UL
50	32	2.07	186	1	DNG		02C	+30.84	TEH	TEC			39	COLD	560UL
50	34	2.88	176	1	DNG		TSC	+5.05	TEH	TEC			40	COLD	560UL
		2.69	179	1	DNG		TSC	+3.32	TEH	TEC			40	COLD	560UL
50	62	1.64	171	1	DNG		05H	+24.43	TEH	TEC			5	COLD	560UL
		2.25	174	1	DNG		05H	+25.59	TEH	TEC			5	COLD	560UL
50	70	2.23	188	1	DNG		06H	+1.09	TEH	TEC			3	COLD	560UL
		3.18	176	1	DNG		07H	+37.45	TEH	TEC			3	COLD	560UL
		4.59	182	1	DNG		07H	+38.51	TEH	TEC			3	COLD	560UL
50	91	3.99	181	1	DNG		02H	+17.38	TEH	TEC			8	COLD	560UL
52	35	2.27	197	1	DNG		AV5	+28.09	TEH	TEC			40	COLD	560UL
53	40	2.84	182	1	DNG		08H	+9.64	TEH	TEC			20	COLD	560UL
53	56	3.50	178	1	DNG		07H	+38.60	TEH	TEC			18	COLD	560UL
53	80	3.36	171	1	DNG		AV3	+1.38	TEH	TEC			1	COLD	560UL
54	40	1.31	171	1	DNG		08H	+1.67	TEH	TEC			19	COLD	560UL
54	56	1.77	172	1	DNG		AV6	+22.26	TEH	TEC			17	COLD	560UL
54	87	3.22	185	1	DNG		04C	+35.39	TEH	TEC			8	COLD	560UL
55	79	2.17	183	1	DNG		07C	+6.53	TEH	TEC			2	COLD	560UL
56	80	3.76	188	1	DNG		06C	+36.39	TEH	TEC			1	COLD	560UL
57	58	2.47	178	1	DNG		AV5	+4.42	TEH	TEC			18	COLD	560UL
57	77	2.72	187	1	DNG		TSC	+18.01	TEH	TEC			2	COLD	560UL
		4.42	188	1	DNG		TSC	+16.81	TEH	TEC			2	COLD	560UL
		4.59	188	1	DNG		TSC	+15.58	TEH	TEC			2	COLD	560UL
		4.03	188	1	DNG		TSC	+14.35	TEH	TEC			2	COLD	560UL
		3.67	188	1	DNG		TSC	+13.17	TEH	TEC			2	COLD	560UL
		2.79	188	1	DNG		TSC	+11.96	TEH	TEC			2	COLD	560UL
58	47	4.17	177	1	DNG		08H	+1.27	TEH	TEC			20	COLD	560UL
		4.81	181	1	DNG		AV6	+23.21	TEH	TEC			20	COLD	560UL

Bobbin DNG Indications

QUERY: DNG Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
58	48	2.60	177	1	DNG		AV6	+23.59	TEH	TEC			20	COLD	560UL
58	49	3.71	178	1	DNG		AV6	+23.46	TEH	TEC			18	COLD	560UL
58	60	7.21	184	1	DNG		AV1	+29.97	TEH	TEC			17	COLD	560UL
58	67	3.51	179	1	DNG		AV1	+28.53	TEH	TEC			3	COLD	560UL
58	76	3.00	182	1	DNG		AV6	-0.85	TEH	TEC			2	COLD	560UL
59	55	3.81	185	1	DNG		02H	+32.43	TEH	TEC			18	COLD	560UL
		2.36	176	1	DNG		AV4	+0.98	TEH	TEC			18	COLD	560UL
59	60	13.81	182	1	DNG		AV2	+0.77	TEH	TEC			18	COLD	560UL
		22.27	180	1	DNG		AV2	+2.59	TEH	TEC			18	COLD	560UL
59	61	30.77	181	1	DNG		AV2	+1.42	TEH	TEC			6	COLD	560UL
		36.92	182	1	DNG		AV1	+30.79	TEH	TEC			6	COLD	560UL

Total Tubes : 187
Total Records: 251

Millstone Unit 3
10/05 - 3R10

DNG Indications

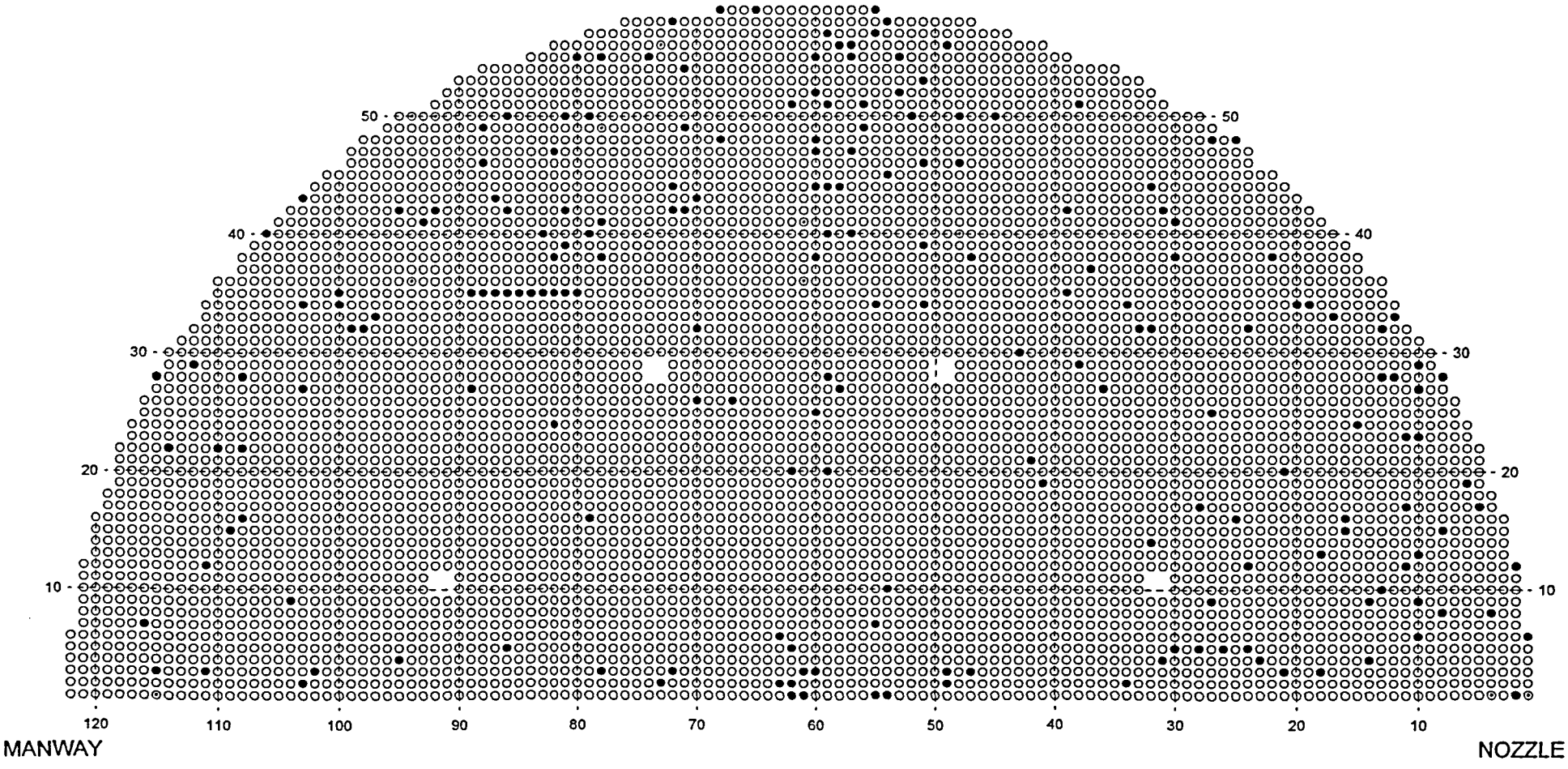
FANP - FDMS map module Version 3.2

GROUP	'ND/TUBES
DNG Indications	279/200

S/G C
HOT
PRIMARY FACE

TOTAL TUBES: 5626
SELECTED TUBES: 200
OUT OF SERVICE (#): 11

SCALE: 0.083214 X
Wed Dec 14 02:27:34 2005
Millstone Unit 3: S/G C HOT W - f series



Bobbin DNG Indications

QUERY: DNG Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
1	2	7.04	176	1	DNG		TSC	+15.93	08H	TEC			49	COLD	560UC
1	54	4.07	184	1	DNG		06H	+2.17	08H	TEH			30	HOT	560UL
		3.13	183	1	DNG		05H	+3.52	08H	TEH			30	HOT	560UL
		2.96	179	1	DNG		06C	+4.15	08C	TEC			50	COLD	560UC
1	55	2.93	180	1	DNG		TSC	+38.85	08C	TEC			50	COLD	560UC
1	61	2.19	181	1	DNG		02H	+38.12	08H	TEH			30	HOT	560UL
1	62	3.42	181	1	DNG		04C	+37.89	08C	TEC			50	COLD	560UC
		4.62	181	1	DNG		04C	+2.23	08C	TEC			50	COLD	560UC
2	34	3.20	187	1	DNG		04C	+12.42	08H	TEC			48	COLD	560UC
2	49	5.50	182	1	DNG		06H	+5.00	08H	TEH			30	HOT	560UL
2	62	2.55	184	1	DNG		05C	+37.10	08H	TEC			49	COLD	560UC
		2.24	180	1	DNG		04C	+37.60	08H	TEC			49	COLD	560UC
2	63	2.46	180	1	DNG		07C	+37.63	08H	TEC			49	COLD	560UC
		1.58	181	1	DNG		06C	+1.99	08H	TEC			49	COLD	560UC
2	73	3.66	182	1	DNG		07C	+2.11	08H	TEC			49	COLD	560UC
		4.42	180	1	DNG		07H	+3.75	08H	TEH			30	HOT	560UL
		2.92	183	1	DNG		07H	+3.39	08H	TEH			30	HOT	560UL
2	103	2.31	185	1	DNG		06C	+11.97	08H	TEC			49	COLD	560UC
3	18	2.44	183	1	DNG		03C	+20.43	08H	TEC			44	COLD	560UL
3	21	3.64	176	1	DNG		07C	+20.32	08H	TEC			44	COLD	560UL
		2.27	176	1	DNG		07H	+18.48	08H	TEH			30	HOT	560UL
		2.78	179	1	DNG		07H	+19.62	08H	TEH			30	HOT	560UL
3	47	3.06	183	1	DNG		08H	+13.34	08H	TEC			48	COLD	560UC
3	49	3.37	184	1	DNG		08H	+8.15	08H	TEC			48	COLD	560UC
3	60	2.04	180	1	DNG		02C	+38.12	08H	TEC			48	COLD	560UC
		3.86	186	1	DNG		02C	+37.31	08H	TEC			48	COLD	560UC
3	61	1.85	179	1	DNG		02C	+38.75	08H	TEC			48	COLD	560UC
3	72	2.22	188	1	DNG		03C	+14.94	08H	TEC			48	COLD	560UC
3	78	2.49	190	1	DNG		TSC	+2.16	08H	TEC			48	COLD	560UC
3	102	2.20	186	1	DNG		05C	+20.98	08H	TEC			48	COLD	560UC
3	111	2.53	187	1	DNG		08H	+14.13	08H	TEC			48	COLD	560UC
3	115	2.42	186	1	DNG		08H	+14.27	08H	TEC			48	COLD	560UC
4	14	5.13	185	1	DNG		06H	+33.98	TEH	TEC			40	COLD	560UL
4	23	2.52	176	1	DNG		08H	+7.03	TEH	TEC			42	COLD	560UL
4	31	3.06	182	1	DNG		05H	+3.08	TEH	TEC			42	COLD	560UL
4	95	3.39	187	1	DNG		03H	+5.93	TEH	TEC			31	COLD	560UL
		2.32	188	1	DNG		03H	+10.95	TEH	TEC			31	COLD	560UL
5	24	2.14	173	1	DNG		05H	+4.47	TEH	TEC			43	COLD	560UL
5	26	2.25	175	1	DNG		05H	+4.08	TEH	TEC			43	COLD	560UL
5	28	3.10	172	1	DNG		05H	+4.00	TEH	TEC			43	COLD	560UL
5	30	2.28	186	1	DNG		04C	+7.52	TEH	TEC			43	COLD	560UL
5	62	8.26	182	1	DNG		TSH	+38.04	TEH	TEC			32	COLD	560UL
		2.85	183	1	DNG		05C	+37.89	TEH	TEC			32	COLD	560UL
		3.74	185	1	DNG		02C	+38.74	TEH	TEC			32	COLD	560UL
		5.30	183	1	DNG		TSC	+38.23	TEH	TEC			32	COLD	560UL
5	86	2.75	186	1	DNG		TSC	+29.19	TEH	TEC			30	COLD	560UL
6	1	2.31	181	1	DNG		AV1	+4.56	TEH	TEC			40	COLD	560UL
6	10	10.44	179	1	DNG		08H	+9.48	TEH	TEC			40	COLD	560UL
6	63	4.94	180	1	DNG		07C	+4.33	TEH	TEC			33	COLD	560UL
		1.47	177	1	DNG		07C	+5.38	TEH	TEC			33	COLD	560UL
7	55	3.08	173	1	DNG		08H	+3.40	TEH	TEC			32	COLD	560UL
7	116	2.75	184	1	DNG		TSH	+16.30	TEH	TEC			28	COLD	560UL
		2.35	183	1	DNG		01H	+1.55	TEH	TEC			28	COLD	560UL
8	4	3.89	186	1	DNG		04C	+30.62	TEH	TEC			40	COLD	560UL
8	8	2.21	185	1	DNG		05H	+31.11	TEH	TEC			40	COLD	560UL
9	10	10.66	176	1	DNG		08H	+3.68	TEH	TEC			41	COLD	560UL
		10.53	178	1	DNG		AV6	+7.86	TEH	TEC			41	COLD	560UL
9	14	8.93	178	1	DNG		08H	+3.63	TEH	TEC			41	COLD	560UL
9	27	2.26	185	1	DNG		03H	+38.17	TEH	TEC			42	COLD	560UL
9	104	4.16	184	1	DNG		07H	+19.75	TEH	TEC			28	COLD	560UL
10	13	4.84	184	1	DNG		TSC	+6.06	TEH	TEC			41	COLD	560UL
10	54	2.40	181	1	DNG		07C	+27.98	TEH	TEC			33	COLD	560UL
12	2	15.83	181	1	DNG		TSC	+1.36	TEH	TEC			40	COLD	560UL
12	11	2.93	181	1	DNG		AV6	+8.49	TEH	TEC			41	COLD	560UL
12	24	3.38	178	1	DNG		TSC	+19.32	TEH	TEC			42	COLD	560UL
12	111	3.91	187	1	DNG		02H	+8.05	TEH	TEC			29	COLD	560UL
13	10	3.88	176	1	DNG		07C	+21.65	TEH	TEC			41	COLD	560UL
13	18	4.34	183	1	DNG		01H	+4.34	TEH	TEC			41	COLD	560UL
		3.37	182	1	DNG		01H	+5.24	TEH	TEC			41	COLD	560UL
14	32	3.73	185	1	DNG		04H	+38.49	TEH	TEC			43	COLD	560UL
15	8	5.46	184	1	DNG		06H	+17.10	TEH	TEC			40	COLD	560UL
15	16	1.44	172	1	DNG		07C	+30.71	TEH	TEC			40	COLD	560UL
15	109	3.51	184	1	DNG		03H	+17.76	TEH	TEC			28	COLD	560UL
		2.52	184	1	DNG		03H	+18.23	TEH	TEC			28	COLD	560UL
16	16	5.06	180	1	DNG		08H	+4.38	TEH	TEC			37	COLD	560UL
		3.51	182	1	DNG		AV6	+10.96	TEH	TEC			37	COLD	560UL
16	25	2.15	187	1	DNG		02H	+1.18	TEH	TEC			39	COLD	560UL
16	79	4.70	176	1	DNG		05H	+2.88	TEH	TEC			19	COLD	560UL
16	108	2.66	180	1	DNG		TSH	+15.43	TEH	TEC			27	COLD	560UL
17	5	2.84	174	1	DNG		07C	+11.44	TEH	TEC			37	COLD	560UL

Bobbin DNG Indications

QUERY: DNG Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		1.28	174	1	DNG	07C	+10.42	TEH	TEC			37	COLD	560UL
17	11	1.20	171	1	DNG	06C	+34.43	TEH	TEC			37	COLD	560UL
17	28	2.29	185	1	DNG	03H	+37.14	TEH	TEC			38	COLD	560UL
19	6	0.72	174	1	DNG	07H	+17.37	TEH	TEC			36	COLD	560UL
19	41	2.68	184	1	DNG	08H	+30.59	TEH	TEC			18	COLD	560UL
20	21	2.13	189	1	DNG	05H	+19.41	TEH	TEC			39	COLD	560UL
20	59	3.04	189	1	DNG	02H	+26.18	TEH	TEC			19	COLD	560UL
20	62	4.38	175	1	DNG	03H	+19.40	TEH	TEC			19	COLD	560UL
		4.90	175	1	DNG	02C	+8.02	TEH	TEC			19	COLD	560UL
21	42	2.13	186	1	DNG	02H	+36.12	TEH	TEC			18	COLD	560UL
22	108	3.01	188	1	DNG	06H	+22.99	TEH	TEC			27	COLD	560UL
22	110	3.28	169	1	DNG	04C	+1.11	TEH	TEC			27	COLD	560UL
22	114	11.41	182	1	DNG	04C	+2.45	TEH	TEC			27	COLD	560UL
		3.00	180	1	DNG	02C	+1.39	TEH	TEC			27	COLD	560UL
23	10	3.76	184	1	DNG	AV6	+11.26	TEH	TEC			36	COLD	560UL
23	11	1.26	170	1	DNG	07C	+7.37	TEH	TEC			37	COLD	560UL
24	15	2.78	186	1	DNG	07C	+36.06	TEH	TEC			37	COLD	560UL
24	82	2.25	188	1	DNG	05C	+16.12	TEH	TEC			21	COLD	560UL
		3.28	191	1	DNG	05C	+15.42	TEH	TEC			21	COLD	560UL
25	27	3.13	185	1	DNG	TSH	+18.58	TEH	TEC			38	COLD	560UL
25	60	2.04	185	1	DNG	02C	+28.94	TEH	TEC			18	COLD	560UL
26	67	3.81	184	1	DNG	04C	+14.41	TEH	TEC			12	COLD	560UL
26	70	3.06	186	1	DNG	04H	+26.29	TEH	TEC			12	COLD	560UL
27	10	0.84	172	1	DNG	07C	+22.98	TEH	TEC			36	COLD	560UL
27	36	1.63	175	1	DNG	07C	+24.46	TEH	TEC			14	COLD	560UL
27	58	3.27	182	1	DNG	07C	+33.97	TEH	TEC			9	COLD	560UL
		1.85	171	1	DNG	07C	+33.01	TEH	TEC			9	COLD	560UL
27	89	3.69	187	1	DNG	01C	+9.02	TEH	TEC			20	COLD	560UL
27	103	2.43	177	1	DNG	06H	+15.34	TEH	TEC			24	COLD	560UL
		0.65	167	1	DNG	02C	+30.57	TEH	TEC			24	COLD	560UL
28	8	4.19	181	1	DNG	07C	+36.99	TEH	TEC			36	COLD	560UL
		2.13	166	1	DNG	07C	+38.40	TEH	TEC			36	COLD	560UL
		1.20	162	1	DNG	07C	+35.95	TEH	TEC			36	COLD	560UL
28	12	1.22	171	1	DNG	07C	+23.04	TEH	TEC			37	COLD	560UL
28	13	0.79	172	1	DNG	07H	+33.32	TEH	TEC			16	COLD	560UL
		2.14	175	1	DNG	07H	+34.33	TEH	TEC			16	COLD	560UL
		3.26	180	1	DNG	AV6	+16.51	TEH	TEC			16	COLD	560UL
28	59	8.73	179	1	DNG	02H	+36.01	TEH	TEC			10	COLD	560UL
		3.29	181	1	DNG	04H	+14.74	TEH	TEC			10	COLD	560UL
28	108	3.01	178	1	DNG	01C	+10.62	TEH	TEC			24	COLD	560UL
28	115	5.76	184	1	DNG	08H	+4.88	TEH	TEC			24	COLD	560UL
		4.70	183	1	DNG	08H	+6.24	TEH	TEC			24	COLD	560UL
29	10	0.91	170	1	DNG	07C	+20.14	TEH	TEC			36	COLD	560UL
29	38	3.00	179	1	DNG	08H	+5.36	TEH	TEC			14	COLD	560UL
29	112	2.14	187	1	DNG	03C	+28.92	TEH	TEC			25	COLD	560UL
30	43	2.76	186	1	DNG	05C	+28.55	TEH	TEC			3	COLD	560UL
32	13	6.20	183	1	DNG	08C	+1.07	TEH	TEC			36	COLD	560UL
32	24	4.59	184	1	DNG	01H	+18.50	TEH	TEC			16	COLD	560UL
		3.03	186	1	DNG	02H	+5.04	TEH	TEC			16	COLD	560UL
		10.22	185	1	DNG	03H	+23.34	TEH	TEC			16	COLD	560UL
		4.50	180	1	DNG	06H	+23.28	TEH	TEC			16	COLD	560UL
		3.88	183	1	DNG	AV4	-0.84	TEH	TEC			16	COLD	560UL
		4.59	184	1	DNG	02H	-0.97	TEH	TEC			16	COLD	560UL
32	32	4.00	179	1	DNG	06H	+23.44	TEH	TEC			15	COLD	560UL
		3.77	183	1	DNG	AV4	+4.43	TEH	TEC			15	COLD	560UL
32	33	1.77	180	1	DNG	03H	+22.90	TEH	TEC			14	COLD	560UL
32	70	3.30	184	1	DNG	TSC	+4.26	TEH	TEC			12	COLD	560UL
32	98	2.00	185	1	DNG	01H	+9.25	TEH	TEC			24	COLD	560UL
32	99	2.22	181	1	DNG	01C	+12.06	TEH	TEC			25	COLD	560UL
33	12	2.08	174	1	DNG	07C	+24.02	TEH	TEC			36	COLD	560UL
33	17	8.04	183	1	DNG	06H	+26.45	TEH	TEC			17	COLD	560UL
33	97	3.16	185	1	DNG	05C	+14.09	TEH	TEC			22	COLD	560UL
34	19	4.89	183	1	DNG	02C	+26.85	TEH	TEC			16	COLD	560UL
34	20	1.47	177	1	DNG	05C	+26.68	TEH	TEC			16	COLD	560UL
34	34	2.21	185	1	DNG	03H	+5.33	TEH	TEC			14	COLD	560UL
34	51	2.94	178	1	DNG	07H	+36.65	TEH	TEC			9	COLD	560UL
		4.23	179	1	DNG	07H	+37.50	TEH	TEC			9	COLD	560UL
		6.32	181	1	DNG	07C	+38.72	TEH	TEC			9	COLD	560UL
		4.74	176	1	DNG	07C	+38.24	TEH	TEC			9	COLD	560UL
		2.68	174	1	DNG	07C	+37.57	TEH	TEC			9	COLD	560UL
		1.02	175	1	DNG	07H	+35.63	TEH	TEC			9	COLD	560UL
		2.63	172	1	DNG	07C	+35.69	TEH	TEC			9	COLD	560UL
		7.23	181	1	DNG	07C	+39.19	TEH	TEC			9	COLD	560UL
34	55	2.97	173	1	DNG	07C	+26.90	TEH	TEC			8	COLD	560UL
34	100	2.00	187	1	DNG	01C	+7.53	TEH	TEC			25	COLD	560UL
34	103	2.32	189	1	DNG	03H	+11.69	TEH	TEC			25	COLD	560UL
35	39	19.71	182	1	DNG	07C	+38.86	TEH	TEC			4	COLD	560UL
		3.61	177	1	DNG	07C	+37.78	TEH	TEC			4	COLD	560UL
35	80	4.00	183	1	DNG	08H	+3.24	TEH	TEC			15	COLD	560UL
35	81	4.16	180	1	DNG	08H	+2.89	TEH	TEC			14	COLD	560UL

Bobbin DNG Indications

QUERY: DNG Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
35	82	4.03	183	1	DNG		08H	+3.33	TEH	TEC			15	COLD	560UL
35	83	4.64	184	1	DNG		08H	+3.13	TEH	TEC			15	COLD	560UL
35	84	3.80	184	1	DNG		08H	+3.27	TEH	TEC			20	COLD	560UL
35	85	3.55	184	1	DNG		08H	+3.18	TEH	TEC			20	COLD	560UL
35	86	5.28	185	1	DNG		08H	+3.71	TEH	TEC			21	COLD	560UL
35	87	3.52	184	1	DNG		08H	+3.26	TEH	TEC			20	COLD	560UL
		2.38	185	1	DNG		03C	+9.88	TEH	TEC			20	COLD	560UL
35	88	5.03	187	1	DNG		08H	+3.54	TEH	TEC			21	COLD	560UL
35	89	3.76	185	1	DNG		08H	+3.23	TEH	TEC			20	COLD	560UL
35	100	3.49	182	1	DNG		AV1	+4.85	TEH	TEC			24	COLD	560UL
37	37	2.23	182	1	DNG		AV6	+11.74	TEH	TEC			15	COLD	560UL
38	22	2.02	179	1	DNG		04H	+37.38	TEH	TEC			16	COLD	560UL
38	30	2.15	177	1	DNG		04C	+14.91	TEH	TEC			15	COLD	560UL
38	47	3.56	180	1	DNG		07H	+35.16	TEH	TEC			17	COLD	560UL
38	60	2.62	182	1	DNG		05C	+5.22	TEH	TEC			10	COLD	560UL
		2.74	183	1	DNG		TSC	+9.48	TEH	TEC			10	COLD	560UL
38	78	9.83	185	1	DNG		04H	+5.01	TEH	TEC			12	COLD	560UL
38	82	1.67	172	1	DNG		07H	+34.53	TEH	TEC			14	COLD	560UL
		4.13	177	1	DNG		07H	+35.84	TEH	TEC			14	COLD	560UL
		3.90	177	1	DNG		07H	+36.84	TEH	TEC			14	COLD	560UL
39	51	1.19	172	1	DNG		07H	+32.52	TEH	TEC			17	COLD	560UL
39	81	4.38	182	1	DNG		08H	+3.83	TEH	TEC			14	COLD	560UL
40	57	2.28	182	1	DNG		07H	+4.45	TEH	TEC			8	COLD	560UL
40	59	2.14	180	1	DNG		06C	+5.36	TEH	TEC			10	COLD	560UL
40	79	1.95	177	1	DNG		07C	+37.57	TEH	TEC			12	COLD	560UL
40	83	3.12	177	1	DNG		07C	+38.45	TEH	TEC			14	COLD	560UL
40	106	3.06	181	1	DNG		AV3	+1.11	TEH	TEC			24	COLD	560UL
41	30	3.35	187	1	DNG		04C	+20.43	TEH	TEC			14	COLD	560UL
41	78	2.85	188	1	DNG		08H	+9.72	TEH	TEC			13	COLD	560UL
41	93	3.57	180	1	DNG		04H	+9.19	TEH	TEC			22	COLD	560UL
42	31	3.88	170	1	DNG		06C	+14.56	TEH	TEC			14	COLD	560UL
		11.16	182	1	DNG		07H	+18.24	TEH	TEC			14	COLD	560UL
42	39	3.04	176	1	DNG		07C	+38.99	TEH	TEC			3	COLD	560UL
42	71	3.94	182	1	DNG		07H	+22.79	TEH	TEC			13	COLD	560UL
42	72	5.42	181	1	DNG		07H	+22.83	TEH	TEC			12	COLD	560UL
42	81	1.61	178	1	DNG		02C	+14.09	TEH	TEC			15	COLD	560UL
42	86	2.58	177	1	DNG		02C	+20.51	TEH	TEC			20	COLD	560UL
42	92	2.64	187	1	DNG		03H	+9.02	TEH	TEC			23	COLD	560UL
42	95	2.89	178	1	DNG		02C	+13.64	TEH	TEC			23	COLD	560UL
43	70	3.01	186	1	DNG		TSC	+13.59	TEH	TEC			13	COLD	560UL
43	87	4.89	182	1	DNG		07C	+38.20	TEH	TEC			20	COLD	560UL
43	103	2.77	185	1	DNG		02C	+28.60	TEH	TEC			24	COLD	560UL
44	32	1.70	163	1	DNG		07C	+35.37	TEH	TEC			15	COLD	560UL
		1.63	171	1	DNG		07C	+36.48	TEH	TEC			15	COLD	560UL
		3.23	186	1	DNG		08H	+0.95	TEH	TEC	LAR		15	COLD	560UL
44	58	2.38	180	1	DNG		03C	+6.54	TEH	TEC			8	COLD	560UL
44	59	3.61	182	1	DNG		07C	+4.34	TEH	TEC			10	COLD	560UL
44	60	7.48	182	1	DNG		07C	+4.39	TEH	TEC			10	COLD	560UL
		2.81	183	1	DNG		02C	+5.64	TEH	TEC			10	COLD	560UL
		3.65	185	1	DNG		TSC	+0.76	TEH	TEC			10	COLD	560UL
44	72	2.41	176	1	DNG		TSC	+1.44	TEH	TEC			12	COLD	560UL
45	54	5.56	182	1	DNG		07H	+35.87	TEH	TEC			8	COLD	560UL
		3.32	178	1	DNG		07C	+34.77	TEH	TEC			8	COLD	560UL
46	48	4.09	180	1	DNG		07H	+38.11	TEH	TEC			3	COLD	560UL
46	51	5.65	182	1	DNG		07C	+38.37	TEH	TEC			16	COLD	560UL
46	88	2.93	184	1	DNG		04H	+17.39	TEH	TEC			20	COLD	560UL
47	57	2.34	173	1	DNG		07C	+35.63	TEH	TEC			9	COLD	560UL
47	60	5.04	186	1	DNG		01C	+18.61	TEH	TEC			11	COLD	560UL
47	82	2.12	176	1	DNG		08H	+4.67	TEH	TEC			15	COLD	560UL
48	25	3.49	186	1	DNG		TSH	+3.33	TEH	TEC			17	COLD	560UL
48	27	3.46	189	1	DNG		AV5	+13.71	TEH	TEC			14	COLD	560UL
		3.94	186	1	DNG		AV5	+15.17	TEH	TEC			14	COLD	560UL
		3.58	187	1	DNG		AV5	+23.77	TEH	TEC			14	COLD	560UL
48	60	2.57	175	1	DNG		06H	+27.25	TEH	TEC			10	COLD	560UL
		3.52	178	1	DNG		07H	+8.43	TEH	TEC			10	COLD	560UL
48	68	2.17	182	1	DNG		06H	+14.71	TEH	TEC			12	COLD	560UL
49	56	0.93	169	1	DNG		07C	+33.37	TEH	TEC			9	COLD	560UL
		2.10	175	1	DNG		07C	+34.44	TEH	TEC			9	COLD	560UL
		1.08	171	1	DNG		07C	+35.85	TEH	TEC			9	COLD	560UL
		0.85	173	1	DNG		07C	+37.96	TEH	TEC			9	COLD	560UL
49	71	3.96	179	1	DNG		AV1	+22.01	TEH	TEC			12	COLD	560UL
49	88	3.76	185	1	DNG		08H	+6.10	TEH	TEC			21	COLD	560UL
50	45	4.98	184	1	DNG		07C	+2.00	TEH	TEC			4	COLD	560UL
50	48	3.15	174	1	DNG		07C	+33.18	TEH	TEC			3	COLD	560UL
50	52	1.40	173	1	DNG		08H	-1.12	TEH	TEC			9	COLD	560UL
50	79	3.93	182	1	DNG		08H	+4.92	TEH	TEC			12	COLD	560UL
50	81	2.80	186	1	DNG		05H	+20.92	TEH	TEC			15	COLD	560UL
50	86	2.27	183	1	DNG		08H	+13.77	TEH	TEC			20	COLD	560UL
51	38	2.30	182	1	DNG		AV6	+19.96	TEH	TEC			14	COLD	560UL
51	56	4.08	177	1	DNG		07C	+33.70	TEH	TEC			9	COLD	560UL

Bobbin DNG Indications

QUERY: DNG Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		2.78	171	1	DNG		07C	+32.62	TEH	TEC			9	COLD	560UL
		0.67	166	1	DNG		07H	+33.08	TEH	TEC			9	COLD	560UL
51	59	1.50	173	1	DNG		07C	+36.32	TEH	TEC			9	COLD	560UL
		0.73	167	1	DNG		07C	+35.26	TEH	TEC			9	COLD	560UL
51	62	2.07	185	1	DNG		AV6	+21.31	TEH	TEC			11	COLD	560UL
52	53	2.09	187	1	DNG		03C	+9.75	TEH	TEC			8	COLD	560UL
52	60	2.27	174	1	DNG		07C	+2.27	TEH	TEC			10	COLD	560UL
53	51	2.60	175	1	DNG		04C	+34.40	TEH	TEC			17	COLD	560UL
54	71	3.91	184	1	DNG		AV3	+2.95	TEH	TEC			13	COLD	560UL
55	53	2.89	173	1	DNG		07H	+35.41	TEH	TEC			9	COLD	560UL
		1.22	172	1	DNG		07H	+34.88	TEH	TEC			9	COLD	560UL
		3.64	179	1	DNG		07H	+35.89	TEH	TEC			9	COLD	560UL
		4.57	180	1	DNG		07H	+36.43	TEH	TEC			9	COLD	560UL
55	57	1.46	170	1	DNG		07C	+32.56	TEH	TEC			9	COLD	560UL
		1.62	171	1	DNG		07C	+33.72	TEH	TEC			9	COLD	560UL
		2.22	173	1	DNG		07H	+37.86	TEH	TEC			9	COLD	560UL
		2.60	176	1	DNG		07H	+37.22	TEH	TEC			9	COLD	560UL
		1.07	174	1	DNG		07H	+31.51	TEH	TEC			9	COLD	560UL
		1.91	173	1	DNG		07H	+36.66	TEH	TEC			9	COLD	560UL
		4.24	179	1	DNG		07H	+39.13	TEH	TEC			9	COLD	560UL
55	60	2.06	186	1	DNG		04H	+12.13	TEH	TEC			11	COLD	560UL
55	74	3.09	185	1	DNG		TSC	+4.39	TEH	TEC			13	COLD	560UL
55	78	5.64	185	1	DNG		AV6	+20.57	TEH	TEC			13	COLD	560UL
55	80	2.05	178	1	DNG		08H	+6.06	TEH	TEC			15	COLD	560UL
56	49	2.25	184	1	DNG		01C	+14.78	TEH	TEC			5	COLD	560UL
56	57	2.38	172	1	DNG		07H	+37.26	TEH	TEC			8	COLD	560UL
		5.51	181	1	DNG		07H	+38.53	TEH	TEC			8	COLD	560UL
56	58	2.70	176	1	DNG		07H	+29.73	TEH	TEC			8	COLD	560UL
57	55	2.70	181	1	DNG		03C	+5.58	TEH	TEC			9	COLD	560UL
57	59	3.91	179	1	DNG		07H	+34.32	TEH	TEC			9	COLD	560UL
		1.40	168	1	DNG		07H	+33.27	TEH	TEC			9	COLD	560UL
		1.11	170	1	DNG		07C	+30.28	TEH	TEC			9	COLD	560UL
		2.75	174	1	DNG		07C	+31.33	TEH	TEC			9	COLD	560UL
58	54	2.25	173	1	DNG		07H	+36.62	TEH	TEC			8	COLD	560UL
58	72	3.89	189	1	DNG		04H	+33.31	TEH	TEC			13	COLD	560UL
59	55	3.60	183	1	DNG		AV1	+5.20	TEH	TEC			9	COLD	560UL
59	65	3.15	183	1	DNG		AV1	+1.16	TEH	TEC			11	COLD	560UL
		3.15	183	1	DNG		AV2	+1.19	TEH	TEC			11	COLD	560UL
59	68	4.37	184	1	DNG		AV1	+1.12	TEH	TEC			13	COLD	560UL
		4.64	182	1	DNG		AV1	+1.76	TEH	TEC			13	COLD	560UL

Total Tubes : 200
Total Records: 280

ATTACHMENT 2

TUBE SHEET MAP AND LISTING

DNT INDICATIONS

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3

Millstone Unit 3
10/05 - 3R10

DNT Indications

FANP - FDMS map module Version 3.2

GROUP	IND/TUBES
DNT Indications	335/192

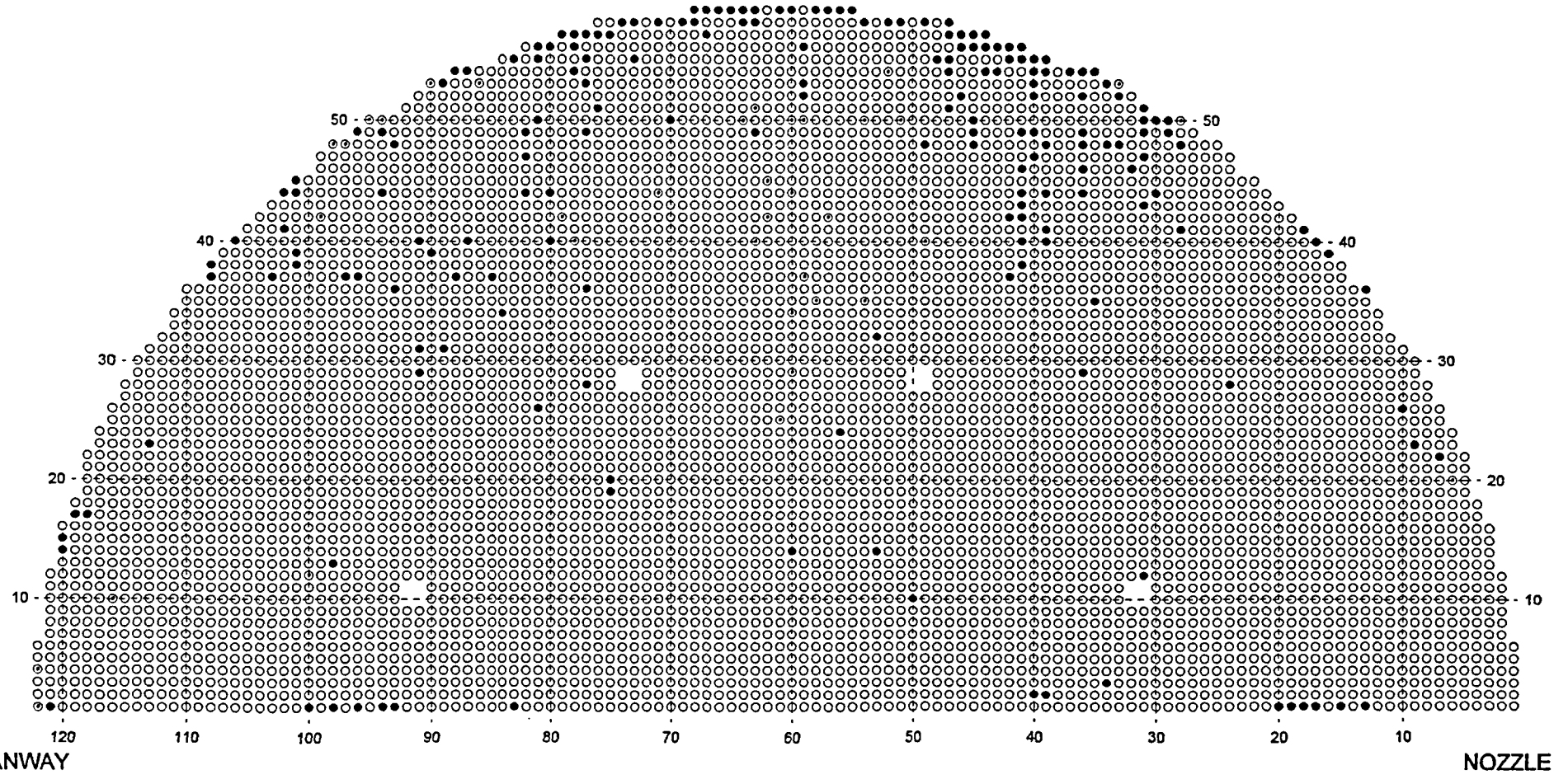
S/G A
HOT
PRIMARY FACE

TOTAL TUBES: 5626
SELECTED TUBES: 192
OUT OF SERVICE (#): 36

SCALE: 0.083214 X
Tue Dec 13 23:57:15 2005

Millstone Unit 3: S/G A HOT

W - f series



Bobbin DNT Indications

QUERY: DNT Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
1	13	10.31	180	P1	DNT		08C	+0.34	08C	TEC			51	COLD	560UL
1	15	4.18	178	P1	DNT		08C	+0.63	08C	TEC			49	COLD	560UC
1	17	10.74	180	P1	DNT		08C	+0.43	08C	TEC			49	COLD	560UC
1	18	12.73	181	P1	DNT		08C	+0.65	08C	TEC			49	COLD	560UC
1	19	4.06	178	P1	DNT		08C	+0.59	08C	TEC			49	COLD	560UC
1	20	11.92	180	P1	DNT		08C	+0.42	08C	TEC			49	COLD	560UC
1	83	1.83	167	P1	DNT		08H	+0.26	08H	TEH			30	HOT	560UL
		7.53	180	P1	DNT		08H	+0.77	08H	TEH			30	HOT	560UL
1	93	3.63	172	P1	DNT		08H	+0.29	08H	TEH			30	HOT	560UL
1	94	2.56	169	P1	DNT		08H	+0.26	08H	TEH			30	HOT	560UL
1	96	2.31	166	P1	DNT		08H	+0.26	08H	TEH			30	HOT	560UL
1	98	4.78	174	P1	DNT		08H	+0.26	08H	TEH			30	HOT	560UL
1	100	2.96	170	P1	DNT		08H	+0.26	08H	TEH			30	HOT	560UL
1	121	2.21	171	P1	DNT		08H	+0.17	08H	TEH			30	HOT	560UL
		2.30	175	P1	DNT		08H	-0.31	08H	TEH			30	HOT	560UL
2	39	4.33	178	P1	DNT		08H	+0.00	08H	TEH			30	HOT	560UL
		3.39	178	P1	DNT		08H	-0.50	08H	TEH			30	HOT	560UL
		4.43	172	P1	DNT		08H	-0.14	08H	TEC			47	COLD	560UC
		5.41	176	P1	DNT		08H	+0.66	08H	TEC			47	COLD	560UC
2	40	8.03	176	P1	DNT		08C	+0.39	08H	TEC			47	COLD	560UC
		12.22	176	P1	DNT		08C	-0.26	08H	TEC			47	COLD	560UC
		9.02	176	P1	DNT		08H	-0.30	08H	TEC			47	COLD	560UC
		7.26	181	P1	DNT		08H	-0.16	08H	TEH			30	HOT	560UL
3	34	3.69	176	P1	DNT		08H	-0.05	08H	TEC			47	COLD	560UC
		3.89	172	P1	DNT		08C	-0.34	08H	TEC			47	COLD	560UC
		5.10	178	P1	DNT		08H	+0.60	08H	TEC			47	COLD	560UC
		4.96	179	P1	DNT		08H	+0.67	08H	TEH			30	HOT	560UL
		3.53	176	P1	DNT		08H	-0.23	08H	TEH			30	HOT	560UL
10	50	2.95	180	P1	DNT		05H	-0.06	TEH	TEC			28	COLD	560UL
12	31	4.97	176	P1	DNT		AV1	-0.11	TEH	TEC			44	COLD	560UL
13	98	9.22	175	P1	DNT		08C	+0.49	TEH	TEC			23	COLD	560UL
14	53	1.35	164	P1	DNT		08H	+0.51	TEH	TEC			28	COLD	560UL
14	60	6.16	171	P1	DNT		08C	+0.60	TEH	TEC			32	COLD	560UL
14	120	4.45	173	P1	DNT		08H	-0.28	TEH	TEC			22	COLD	560UL
		2.53	173	P1	DNT		08H	+0.73	TEH	TEC			22	COLD	560UL
15	120	7.26	176	P1	DNT		08H	-0.27	TEH	TEC			21	COLD	560UL
17	118	2.24	171	P1	DNT		08H	-0.27	TEH	TEC			16	COLD	560UL
		3.89	177	P1	DNT		08H	+0.74	TEH	TEC			16	COLD	560UL
17	119	2.76	177	P1	DNT		08H	-0.31	TEH	TEC			15	COLD	560UL
		3.21	173	P1	DNT		08H	+0.69	TEH	TEC			15	COLD	560UL
19	75	4.21	181	P1	DNT		02H	+0.61	TEH	TEC			37	COLD	560UL
20	75	5.82	176	P1	DNT		08H	-0.13	TEH	TEC			38	COLD	560UL
22	7	4.65	177	P1	DNT		08H	+0.45	TEH	TEC			42	COLD	560UL
		11.07	179	P1	DNT		08H	-0.38	TEH	TEC			42	COLD	560UL
23	9	11.62	178	P1	DNT		08H	+0.59	TEH	TEC			41	COLD	560UL
		3.68	171	P1	DNT		08C	+0.43	TEH	TEC			41	COLD	560UL
		2.88	167	P1	DNT		08H	-0.57	TEH	TEC			41	COLD	560UL
23	113	3.06	186	P1	DNT		03C	-0.18	TEH	TEC			15	COLD	560UL
24	56	1.66	164	P1	DNT		08C	+0.38	TEH	TEC			36	COLD	560UL
26	10	3.20	184	P1	DNT		08C	-0.52	TEH	TEC			38	COLD	560UL
26	81	0.97	160	P1	DNT		08H	-0.89	TEH	TEC			2	COLD	560UL
		0.80	160	P1	DNT		08C	-0.93	TEH	TEC			2	COLD	560UL
28	24	1.50	165	P1	DNT		08H	-0.77	TEH	TEC			38	COLD	560UL
		4.73	172	P1	DNT		08H	+0.77	TEH	TEC			38	COLD	560UL
		4.43	173	P1	DNT		08C	+0.43	TEH	TEC			38	COLD	560UL
		2.01	157	P1	DNT		08C	-0.67	TEH	TEC			38	COLD	560UL
28	77	2.02	163	P1	DNT		08H	+0.54	TEH	TEC			2	COLD	560UL
29	36	4.11	170	P1	DNT		08C	+0.46	TEH	TEC			40	COLD	560UL
29	91	6.29	176	P1	DNT		08H	+0.64	TEH	TEC			7	COLD	560UL
31	89	2.24	170	P1	DNT		08H	+0.52	TEH	TEC			7	COLD	560UL
31	91	3.22	172	P1	DNT		08H	+0.63	TEH	TEC			7	COLD	560UL
32	53	5.16	174	P1	DNT		01H	+0.68	TEH	TEC			35	COLD	560UL
34	84	4.87	178	P1	DNT		08H	-0.25	TEH	TEC			7	COLD	560UL
		3.41	170	P1	DNT		08C	+0.41	TEH	TEC			7	COLD	560UL
35	35	2.52	167	P1	DNT		02C	+0.00	TEH	TEC			39	COLD	560UL
36	13	3.84	178	P1	DNT		AV5	+0.23	TEH	TEC			37	COLD	560UL
36	77	3.08	169	P1	DNT		08H	-0.53	TEH	TEC			2	COLD	560UL
36	93	8.83	174	P1	DNT		08C	+0.39	TEH	TEC			8	COLD	560UL
		5.65	176	P1	DNT		08C	+0.09	TEH	TEC			8	COLD	560UL
37	42	2.27	170	P1	DNT		08C	+0.38	TEH	TEC			19	COLD	560UL
37	85	2.98	179	P1	DNT		AV4	+0.32	TEH	TEC			8	COLD	560UL
37	88	2.65	170	P1	DNT		08H	+0.57	TEH	TEC			7	COLD	560UL
37	96	4.52	174	P1	DNT		08C	+0.41	TEH	TEC			9	COLD	560UL
37	97	6.01	172	P1	DNT		08C	+0.38	TEH	TEC			9	COLD	560UL
37	103	2.99	170	P1	DNT		08C	+0.36	TEH	TEC			9	COLD	560UL
37	108	3.55	171	P1	DNT		08C	+0.34	TEH	TEC			12	COLD	560UL
38	41	6.98	178	P1	DNT		08H	-0.68	TEH	TEC			20	COLD	560UL
		6.34	173	P1	DNT		08H	+0.00	TEH	TEC			20	COLD	560UL
		6.13	173	P1	DNT		08C	+0.41	TEH	TEC			20	COLD	560UL
38	101	2.46	166	P1	DNT		08H	-0.52	TEH	TEC			10	COLD	560UL

Bobbin DNT Indications

QUERY: DNT Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		7.44	173	P1	DNT		08H	+0.54	TEH	TEC			10	COLD	560UL
		10.30	175	P1	DNT		08C	+0.41	TEH	TEC			10	COLD	560UL
		3.76	164	P1	DNT		08C	-0.68	TEH	TEC			10	COLD	560UL
38	108	3.07	177	P1	DNT		AV3	+0.00	TEH	TEC			11	COLD	560UL
39	16	2.19	176	P1	DNT		AV4	+0.02	TEH	TEC			37	COLD	560UL
39	90	2.18	173	P1	DNT		08C	+0.34	TEH	TEC			7	COLD	560UL
39	101	3.07	172	P1	DNT		08C	+0.43	TEH	TEC			9	COLD	560UL
40	17	3.56	178	P1	DNT		AV4	-0.02	TEH	TEC			37	COLD	560UL
40	39	0.99	165	P1	DNT		08C	+0.43	TEH	TEC			19	COLD	560UL
		1.23	166	P1	DNT		08H	+0.07	TEH	TEC			19	COLD	560UL
40	41	6.47	171	P1	DNT		08H	+0.58	TEH	TEC			20	COLD	560UL
		6.36	175	P1	DNT		08C	+0.55	TEH	TEC			20	COLD	560UL
40	80	1.47	164	P1	DNT		08C	+0.00	TEH	TEC			2	COLD	560UL
40	87	2.32	170	P1	DNT		08H	+0.59	TEH	TEC			7	COLD	560UL
40	91	2.34	183	P1	DNT		AV2	+0.58	TEH	TEC			8	COLD	560UL
40	106	2.97	176	P1	DNT		AV5	+0.00	TEH	TEC			9	COLD	560UL
41	18	3.30	178	P1	DNT		AV3	+0.05	TEH	TEC			37	COLD	560UL
41	28	3.03	172	P1	DNT		08C	+0.00	TEH	TEC			40	COLD	560UL
41	39	0.47	114	P1	DNT		08H	-0.52	TEH	TEC			20	COLD	560UL
41	102	3.91	170	P1	DNT		08H	-0.57	TEH	TEC			10	COLD	560UL
42	41	4.86	171	P1	DNT		08C	+0.32	TEH	TEC			20	COLD	560UL
42	42	3.47	170	P1	DNT		08C	+0.37	TEH	TEC			20	COLD	560UL
43	31	0.90	164	P1	DNT		08C	+0.34	TEH	TEC			39	COLD	560UL
43	41	4.94	172	P1	DNT		08C	+0.38	TEH	TEC			19	COLD	560UL
		10.98	175	P1	DNT		08H	+0.51	TEH	TEC			19	COLD	560UL
		6.65	174	P1	DNT		08H	-0.57	TEH	TEC			19	COLD	560UL
44	30	1.14	159	P1	DNT		08H	+0.47	TEH	TEC			39	COLD	560UL
44	36	0.75	164	P1	DNT		08C	-0.73	TEH	TEC			39	COLD	560UL
		1.55	168	P1	DNT		08C	+0.41	TEH	TEC			39	COLD	560UL
		3.28	170	P1	DNT		08H	+0.51	TEH	TEC			39	COLD	560UL
		0.91	146	P1	DNT		08H	-0.57	TEH	TEC			39	COLD	560UL
44	39	2.03	165	P1	DNT		08C	+0.50	TEH	TEC			19	COLD	560UL
44	41	6.98	174	P1	DNT		08H	+0.44	TEH	TEC			20	COLD	560UL
		5.07	170	P1	DNT		08C	-0.75	TEH	TEC			20	COLD	560UL
		7.29	171	P1	DNT		08C	+0.20	TEH	TEC			20	COLD	560UL
44	80	3.59	172	P1	DNT		08H	-0.60	TEH	TEC			2	COLD	560UL
		11.37	177	P1	DNT		08H	+0.54	TEH	TEC			2	COLD	560UL
		4.05	170	P1	DNT		08C	+0.48	TEH	TEC			2	COLD	560UL
		1.85	163	P1	DNT		08C	-0.60	TEH	TEC			2	COLD	560UL
44	82	5.11	173	P1	DNT		08C	+0.39	TEH	TEC			2	COLD	560UL
		2.51	166	P1	DNT		08C	-0.67	TEH	TEC			2	COLD	560UL
44	94	3.33	168	P1	DNT		08C	+0.37	TEH	TEC			10	COLD	560UL
44	101	5.49	173	P1	DNT		08H	+0.47	TEH	TEC			10	COLD	560UL
		15.05	178	P1	DNT		08C	+0.39	TEH	TEC			10	COLD	560UL
		4.51	159	P1	DNT		08C	-0.70	TEH	TEC			10	COLD	560UL
44	102	5.53	178	P1	DNT		08C	+0.48	TEH	TEC			9	COLD	560UL
45	101	2.42	169	P1	DNT		08H	-0.59	TEH	TEC			9	COLD	560UL
		4.23	173	P1	DNT		08C	+0.60	TEH	TEC			9	COLD	560UL
		4.66	171	P1	DNT		08C	+0.35	TEH	TEC			9	COLD	560UL
		2.23	162	P1	DNT		08C	-0.77	TEH	TEC			9	COLD	560UL
		5.66	175	P1	DNT		08H	+0.51	TEH	TEC			9	COLD	560UL
46	32	0.94	168	P1	DNT		08C	+0.41	TEH	TEC			39	COLD	560UL
46	36	1.73	159	P1	DNT		08C	-0.69	TEH	TEC			39	COLD	560UL
		4.28	171	P1	DNT		08C	+0.39	TEH	TEC			39	COLD	560UL
		0.65	159	P1	DNT		08H	+0.71	TEH	TEC			39	COLD	560UL
46	41	6.15	171	P1	DNT		08C	+0.34	TEH	TEC			20	COLD	560UL
47	31	0.82	162	P1	DNT		08H	+0.42	TEH	TEC			39	COLD	560UL
47	40	4.83	172	P1	DNT		08H	+0.53	TEH	TEC			20	COLD	560UL
47	82	0.98	163	P1	DNT		08C	+0.60	TEH	TEC			1	COLD	560UL
48	28	1.54	162	P1	DNT		08C	-0.69	TEH	TEC			39	COLD	560UL
		2.48	166	P1	DNT		08C	+0.41	TEH	TEC			39	COLD	560UL
		3.68	171	P1	DNT		08H	+0.49	TEH	TEC			39	COLD	560UL
		1.58	160	P1	DNT		08H	-0.53	TEH	TEC			39	COLD	560UL
48	33	4.50	174	P1	DNT		08C	+0.41	TEH	TEC			40	COLD	560UL
		2.35	168	P1	DNT		08C	-0.66	TEH	TEC			40	COLD	560UL
		2.33	167	P1	DNT		08H	+0.53	TEH	TEC			40	COLD	560UL
48	34	0.97	164	P1	DNT		08C	+0.47	TEH	TEC			40	COLD	560UL
48	36	0.42	153	P1	DNT		08C	-0.73	TEH	TEC			39	COLD	560UL
		0.84	164	P1	DNT		08C	+0.39	TEH	TEC			39	COLD	560UL
		2.25	162	P1	DNT		08H	+0.54	TEH	TEC			39	COLD	560UL
48	39	0.90	163	P1	DNT		08C	-0.66	TEH	TEC			19	COLD	560UL
		5.22	176	P1	DNT		08C	+0.45	TEH	TEC			19	COLD	560UL
		3.77	172	P1	DNT		08H	+0.50	TEH	TEC			19	COLD	560UL
		1.07	149	P1	DNT		08H	-0.56	TEH	TEC			19	COLD	560UL
48	45	1.00	153	P1	DNT		08H	+0.55	TEH	TEC			19	COLD	560UL
48	49	2.46	169	P1	DNT		08H	+0.68	TEH	TEC			19	COLD	560UL
48	93	4.09	175	P1	DNT		08C	-0.18	TEH	TEC			8	COLD	560UL
49	29	3.94	175	P1	DNT		08C	+0.37	TEH	TEC			39	COLD	560UL
49	31	0.72	150	P1	DNT		08C	+0.41	TEH	TEC			39	COLD	560UL
		4.94	170	P1	DNT		08H	+0.44	TEH	TEC			39	COLD	560UL

Bobbin DNT Indications

QUERY: DNT Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		1.43	154	P1	DNT		08H	-0.54	TEH	TEC			39	COLD	560UL
49	36	1.08	140	P1	DNT		08H	-0.62	TEH	TEC			40	COLD	560UL
49	40	6.11	174	P1	DNT		08C	+0.41	TEH	TEC			20	COLD	560UL
		3.62	171	P1	DNT		08C	-0.68	TEH	TEC			20	COLD	560UL
49	41	1.38	165	P1	DNT		08C	-0.68	TEH	TEC			19	COLD	560UL
		1.98	166	P1	DNT		08C	+0.38	TEH	TEC			19	COLD	560UL
		1.63	167	P1	DNT		08H	+0.94	TEH	TEC			19	COLD	560UL
49	45	5.45	172	P1	DNT		08C	+0.57	TEH	TEC			20	COLD	560UL
		2.98	164	P1	DNT		08C	-0.46	TEH	TEC			20	COLD	560UL
49	63	2.57	174	P1	DNT		08C	+0.50	TEH	TEC			5	COLD	560UL
49	77	2.52	165	P1	DNT		08H	+0.58	TEH	TEC			2	COLD	560UL
		1.14	163	P1	DNT		08C	+0.41	TEH	TEC			2	COLD	560UL
49	82	2.08	167	P1	DNT		08H	+0.60	TEH	TEC			1	COLD	560UL
49	94	3.46	174	P1	DNT		08C	+0.42	TEH	TEC			7	COLD	560UL
49	96	6.45	171	P1	DNT		08C	+0.37	TEH	TEC			9	COLD	560UL
50	29	2.61	175	P1	DNT		AV2	+0.30	TEH	TEC			39	COLD	560UL
50	30	2.98	177	P1	DNT		AV5	-0.07	TEH	TEC			39	COLD	560UL
		2.07	175	P1	DNT		AV6	-0.14	TEH	TEC			39	COLD	560UL
		2.09	177	P1	DNT		AV3	+0.02	TEH	TEC			39	COLD	560UL
50	31	1.07	150	P1	DNT		08C	-0.63	TEH	TEC			40	COLD	560UL
		1.24	1	P1	DNT		08C	+0.45	TEH	TEC			40	COLD	560UL
50	45	1.30	161	P1	DNT		08H	+0.59	TEH	TEC			19	COLD	560UL
50	70	3.62	174	P1	DNT		08H	-0.78	TEH	TEC			3	COLD	560UL
50	81	5.21	177	P1	DNT		08H	+0.58	TEH	TEC			1	COLD	560UL
51	31	0.77	164	P1	DNT		08C	-0.32	TEH	TEC			39	COLD	560UL
		5.69	171	P1	DNT		08C	+0.78	TEH	TEC			39	COLD	560UL
		2.65	177	P1	DNT		AV3	+0.07	TEH	TEC			39	COLD	560UL
		0.88	158	P1	DNT		08H	+0.42	TEH	TEC			39	COLD	560UL
		0.97	161	P1	DNT		08H	-0.67	TEH	TEC			39	COLD	560UL
51	47	0.65	151	P1	DNT		08H	-0.73	TEH	TEC			19	COLD	560UL
51	76	1.97	169	P1	DNT		08C	+0.39	TEH	TEC			1	COLD	560UL
52	33	1.34	147	P1	DNT		08C	-0.56	TEH	TEC			40	COLD	560UL
		2.18	161	P1	DNT		08C	+0.52	TEH	TEC			40	COLD	560UL
		1.43	162	P1	DNT		08H	+0.46	TEH	TEC			40	COLD	560UL
52	36	0.92	152	P1	DNT		08C	-0.67	TEH	TEC			39	COLD	560UL
		1.75	165	P1	DNT		08C	+0.41	TEH	TEC			39	COLD	560UL
52	40	0.89	162	P1	DNT		08C	+0.48	TEH	TEC			19	COLD	560UL
		1.06	161	P1	DNT		08H	+0.46	TEH	TEC			19	COLD	560UL
52	46	2.94	166	P1	DNT		08C	-0.77	TEH	TEC			19	COLD	560UL
		2.69	167	P1	DNT		08C	+0.34	TEH	TEC			19	COLD	560UL
		0.84	162	P1	DNT		08H	+0.48	TEH	TEC			19	COLD	560UL
52	59	1.79	164	P1	DNT		08H	+0.53	TEH	TEC			17	COLD	560UL
53	34	2.06	173	P1	DNT		AV4	+0.00	TEH	TEC			39	COLD	560UL
53	40	5.17	171	P1	DNT		08C	+0.34	TEH	TEC			20	COLD	560UL
53	59	2.94	173	P1	DNT		08H	+0.44	TEH	TEC			18	COLD	560UL
53	77	3.05	166	P1	DNT		08C	+0.44	TEH	TEC			2	COLD	560UL
		1.22	164	P1	DNT		08C	-0.69	TEH	TEC			2	COLD	560UL
53	89	4.69	179	P1	DNT		AV6	-0.07	TEH	TEC			7	COLD	560UL
54	35	0.74	163	P1	DNT		01H	+0.20	TEH	TEC			39	COLD	560UL
54	36	5.12	178	P1	DNT		AV2	+0.27	TEH	TEC			39	COLD	560UL
		0.69	164	P1	DNT		08H	+0.49	TEH	TEC			39	COLD	560UL
		1.27	167	P1	DNT		08H	-0.62	TEH	TEC			39	COLD	560UL
54	37	2.79	171	P1	DNT		08H	-0.58	TEH	TEC			39	COLD	560UL
		2.17	170	P1	DNT		08H	+0.38	TEH	TEC			39	COLD	560UL
54	39	1.47	156	P1	DNT		08C	-0.57	TEH	TEC			19	COLD	560UL
		4.20	178	P1	DNT		08C	+0.52	TEH	TEC			19	COLD	560UL
		1.82	168	P1	DNT		08H	+0.41	TEH	TEC			19	COLD	560UL
54	40	1.24	160	P1	DNT		08C	-0.45	TEH	TEC			19	COLD	560UL
		2.06	167	P1	DNT		08H	-0.68	TEH	TEC			19	COLD	560UL
54	43	1.15	168	P1	DNT		08H	+0.41	TEH	TEC			19	COLD	560UL
		1.92	167	P1	DNT		08H	-0.70	TEH	TEC			19	COLD	560UL
54	44	1.01	166	P1	DNT		08H	+0.41	TEH	TEC			19	COLD	560UL
		1.05	160	P1	DNT		08H	-0.66	TEH	TEC			19	COLD	560UL
54	47	3.32	166	P1	DNT		08H	+0.51	TEH	TEC			20	COLD	560UL
54	78	2.08	167	P1	DNT		08H	-0.55	TEH	TEC			2	COLD	560UL
		3.05	169	P1	DNT		08H	+0.51	TEH	TEC			2	COLD	560UL
54	87	2.38	171	P1	DNT		AV6	+0.00	TEH	TEC			8	COLD	560UL
54	88	3.00	172	P1	DNT		AV5	-0.18	TEH	TEC			8	COLD	560UL
		3.01	172	P1	DNT		AV6	+0.00	TEH	TEC			8	COLD	560UL
55	39	4.39	177	P1	DNT		AV2	+0.00	TEH	TEC			20	COLD	560UL
		4.75	179	P1	DNT		AV3	+0.00	TEH	TEC			20	COLD	560UL
55	40	4.95	179	P1	DNT		AV3	+0.00	TEH	TEC			20	COLD	560UL
		3.72	176	P1	DNT		AV5	+0.00	TEH	TEC			20	COLD	560UL
55	41	2.79	168	P1	DNT		08H	+0.39	TEH	TEC			19	COLD	560UL
		3.18	168	P1	DNT		08H	-0.63	TEH	TEC			19	COLD	560UL
55	42	2.87	168	P1	DNT		08H	-0.61	TEH	TEC			19	COLD	560UL
		2.01	165	P1	DNT		08H	+0.43	TEH	TEC			19	COLD	560UL
55	47	1.81	168	P1	DNT		08H	+0.41	TEH	TEC			19	COLD	560UL
		1.23	160	P1	DNT		08H	-0.61	TEH	TEC			19	COLD	560UL
55	48	1.53	169	P1	DNT		08H	+0.39	TEH	TEC			19	COLD	560UL

Bobbin DNT Indications

QUERY: DNT Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
55	73	3.21	168	P1	DNT		08C	-0.65	TEH	TEC			3	COLD	560UL
55	77	4.54	172	P1	DNT		08C	+0.37	TEH	TEC			2	COLD	560UL
		1.58	156	P1	DNT		08C	-0.71	TEH	TEC			2	COLD	560UL
55	81	2.18	170	P1	DNT		08H	-0.58	TEH	TEC			2	COLD	560UL
		2.84	170	P1	DNT		08H	+0.46	TEH	TEC			2	COLD	560UL
55	83	4.02	180	P1	DNT		AV6	+0.00	TEH	TEC			1	COLD	560UL
56	41	5.26	174	P1	DNT		08H	-0.59	TEH	TEC			20	COLD	560UL
		5.96	174	P1	DNT		08H	+0.46	TEH	TEC			20	COLD	560UL
56	42	4.42	172	P1	DNT		08H	-0.66	TEH	TEC			20	COLD	560UL
		5.10	173	P1	DNT		08H	+0.44	TEH	TEC			20	COLD	560UL
56	43	4.84	172	P1	DNT		08H	-0.61	TEH	TEC			20	COLD	560UL
		3.85	170	P1	DNT		08H	+0.44	TEH	TEC			20	COLD	560UL
56	44	5.17	175	P1	DNT		08H	+0.41	TEH	TEC			19	COLD	560UL
		2.87	168	P1	DNT		08H	-0.63	TEH	TEC			19	COLD	560UL
56	45	0.96	160	P1	DNT		08C	+0.43	TEH	TEC			19	COLD	560UL
		2.33	171	P1	DNT		08H	+0.43	TEH	TEC			19	COLD	560UL
		2.18	164	P1	DNT		08H	-0.61	TEH	TEC			19	COLD	560UL
56	46	1.56	168	P1	DNT		08H	+0.39	TEH	TEC			19	COLD	560UL
		1.46	159	P1	DNT		08H	-0.66	TEH	TEC			19	COLD	560UL
56	59	0.80	140	P1	DNT		08H	-0.60	TEH	TEC			17	COLD	560UL
		2.40	171	P1	DNT		08H	+0.44	TEH	TEC			17	COLD	560UL
56	78	2.08	163	P1	DNT		08H	-0.69	TEH	TEC			2	COLD	560UL
56	80	4.16	178	P1	DNT		08H	-0.62	TEH	TEC			1	COLD	560UL
		6.14	178	P1	DNT		08H	+0.40	TEH	TEC			1	COLD	560UL
56	81	3.28	176	P1	DNT		08H	-0.42	TEH	TEC			1	COLD	560UL
		3.55	173	P1	DNT		08H	+0.53	TEH	TEC			1	COLD	560UL
57	44	3.21	167	P1	DNT		08H	+0.39	TEH	TEC			20	COLD	560UL
		3.20	168	P1	DNT		08H	-0.59	TEH	TEC			20	COLD	560UL
57	45	2.58	169	P1	DNT		08H	-0.64	TEH	TEC			20	COLD	560UL
		3.25	169	P1	DNT		08H	+0.46	TEH	TEC			20	COLD	560UL
57	46	4.47	170	P1	DNT		08H	-0.59	TEH	TEC			20	COLD	560UL
		4.51	170	P1	DNT		08H	+0.44	TEH	TEC			20	COLD	560UL
		2.62	179	P1	DNT		AV4	+0.00	TEH	TEC			20	COLD	560UL
57	47	2.03	169	P1	DNT		08H	+0.41	TEH	TEC			19	COLD	560UL
		2.76	165	P1	DNT		08H	-0.66	TEH	TEC			19	COLD	560UL
57	67	2.23	170	P1	DNT		08H	+0.51	TEH	TEC			4	COLD	560UL
57	75	3.84	173	P1	DNT		08H	+0.42	TEH	TEC			1	COLD	560UL
57	76	2.46	178	P1	DNT		08H	-0.55	TEH	TEC			1	COLD	560UL
		3.54	176	P1	DNT		08H	+0.48	TEH	TEC			1	COLD	560UL
57	77	2.48	168	P1	DNT		08H	-0.60	TEH	TEC			2	COLD	560UL
		1.33	166	P1	DNT		08H	+0.46	TEH	TEC			2	COLD	560UL
57	78	3.14	170	P1	DNT		08H	-0.60	TEH	TEC			2	COLD	560UL
		3.06	169	P1	DNT		08H	+0.46	TEH	TEC			2	COLD	560UL
57	79	4.70	176	P1	DNT		AV3	+0.07	TEH	TEC			2	COLD	560UL
58	47	3.26	174	P1	DNT		AV2	+0.02	TEH	TEC			20	COLD	560UL
58	49	3.40	175	P1	DNT		AV2	+0.00	TEH	TEC			18	COLD	560UL
58	51	20.83	178	P1	DNT		AV5	-0.16	TEH	TEC			18	COLD	560UL
58	52	4.11	178	P1	DNT		AV5	-0.11	TEH	TEC			18	COLD	560UL
		3.25	178	P1	DNT		AV6	+0.41	TEH	TEC			18	COLD	560UL
58	54	4.09	179	P1	DNT		AV3	+0.00	TEH	TEC			18	COLD	560UL
		15.70	179	P1	DNT		AV6	-0.43	TEH	TEC			18	COLD	560UL
		19.61	179	P1	DNT		AV6	+0.48	TEH	TEC			18	COLD	560UL
58	63	2.73	179	P1	DNT		AV3	+0.00	TEH	TEC			5	COLD	560UL
58	64	2.25	176	P1	DNT		AV3	+0.07	TEH	TEC			6	COLD	560UL
		2.21	178	P1	DNT		AV4	+0.00	TEH	TEC			6	COLD	560UL
58	68	3.66	176	P1	DNT		08C	+0.28	TEH	TEC			3	COLD	560UL
58	69	2.14	175	P1	DNT		AV1	+0.00	TEH	TEC			4	COLD	560UL
		3.81	176	P1	DNT		AV2	+0.07	TEH	TEC			4	COLD	560UL
		4.40	178	P1	DNT		AV6	+0.41	TEH	TEC			4	COLD	560UL
		2.04	166	P1	DNT		08C	+0.37	TEH	TEC			4	COLD	560UL
		2.75	178	P1	DNT		AV4	+0.02	TEH	TEC			4	COLD	560UL
58	71	6.14	178	P1	DNT		AV2	+0.02	TEH	TEC			4	COLD	560UL
58	73	2.70	175	P1	DNT		AV5	-0.05	TEH	TEC			4	COLD	560UL
		3.91	179	P1	DNT		AV3	+0.00	TEH	TEC			4	COLD	560UL
58	74	3.28	178	P1	DNT		AV6	-0.07	TEH	TEC			4	COLD	560UL
		2.34	176	P1	DNT		AV5	+0.09	TEH	TEC			4	COLD	560UL
59	55	7.18	177	P1	DNT		AV1	+0.16	TEH	TEC			18	COLD	560UL
		2.91	180	P1	DNT		AV4	+0.00	TEH	TEC			18	COLD	560UL
		2.59	176	P1	DNT		AV6	+0.02	TEH	TEC			18	COLD	560UL
		3.53	174	P1	DNT		AV6	+0.48	TEH	TEC			18	COLD	560UL
59	56	5.35	175	P1	DNT		AV1	-0.39	TEH	TEC			18	COLD	560UL
		2.25	176	P1	DNT		AV6	-0.30	TEH	TEC			18	COLD	560UL
		3.98	175	P1	DNT		AV6	+0.57	TEH	TEC			18	COLD	560UL
59	57	3.60	177	P1	DNT		AV6	-0.32	TEH	TEC			18	COLD	560UL
		3.03	174	P1	DNT		AV6	+0.57	TEH	TEC			18	COLD	560UL
59	58	4.10	175	P1	DNT		AV1	-0.33	TEH	TEC			18	COLD	560UL
59	60	3.08	176	P1	DNT		AV1	-0.42	TEH	TEC			18	COLD	560UL
		2.44	176	P1	DNT		AV6	-0.23	TEH	TEC			18	COLD	560UL
		2.70	172	P1	DNT		AV6	+0.59	TEH	TEC			18	COLD	560UL
59	61	32.70	176	P1	DNT		AV2	+0.11	TEH	TEC			6	COLD	560UL

Bobbin DNT Indications

QUERY: DNT Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		3.43	180	P1	DNT		AV3	+0.14	TEH	TEC			6	COLD	560UL
		3.52	177	P1	DNT		AV5	+0.39	TEH	TEC			6	COLD	560UL
		4.86	175	P1	DNT		AV6	-0.37	TEH	TEC			6	COLD	560UL
59	63	3.71	178	P1	DNT		AV1	+0.05	TEH	TEC			6	COLD	560UL
		6.50	179	P1	DNT		AV3	+0.07	TEH	TEC			6	COLD	560UL
		2.35	178	P1	DNT		AV4	+0.05	TEH	TEC			6	COLD	560UL
59	64	5.23	178	P1	DNT		AV3	+0.07	TEH	TEC			6	COLD	560UL
59	65	2.00	174	P1	DNT		AV5	+0.32	TEH	TEC			6	COLD	560UL
59	66	3.70	177	P1	DNT		AV4	+0.35	TEH	TEC			6	COLD	560UL
59	67	6.02	178	P1	DNT		AV1	-0.31	TEH	TEC			4	COLD	560UL
		2.03	177	P1	DNT		AV3	+0.07	TEH	TEC			4	COLD	560UL
		2.44	178	P1	DNT		AV4	+0.05	TEH	TEC			4	COLD	560UL
59	68	10.45	179	P1	DNT		AV6	-0.32	TEH	TEC			4	COLD	560UL
		5.27	179	P1	DNT		AV6	+0.23	TEH	TEC			4	COLD	560UL
		3.57	179	P1	DNT		AV3	+0.14	TEH	TEC			4	COLD	560UL

Total Tubes : 192
Total Records: 335

Millstone Unit 3
10/05 - 3R10

DNT Indications

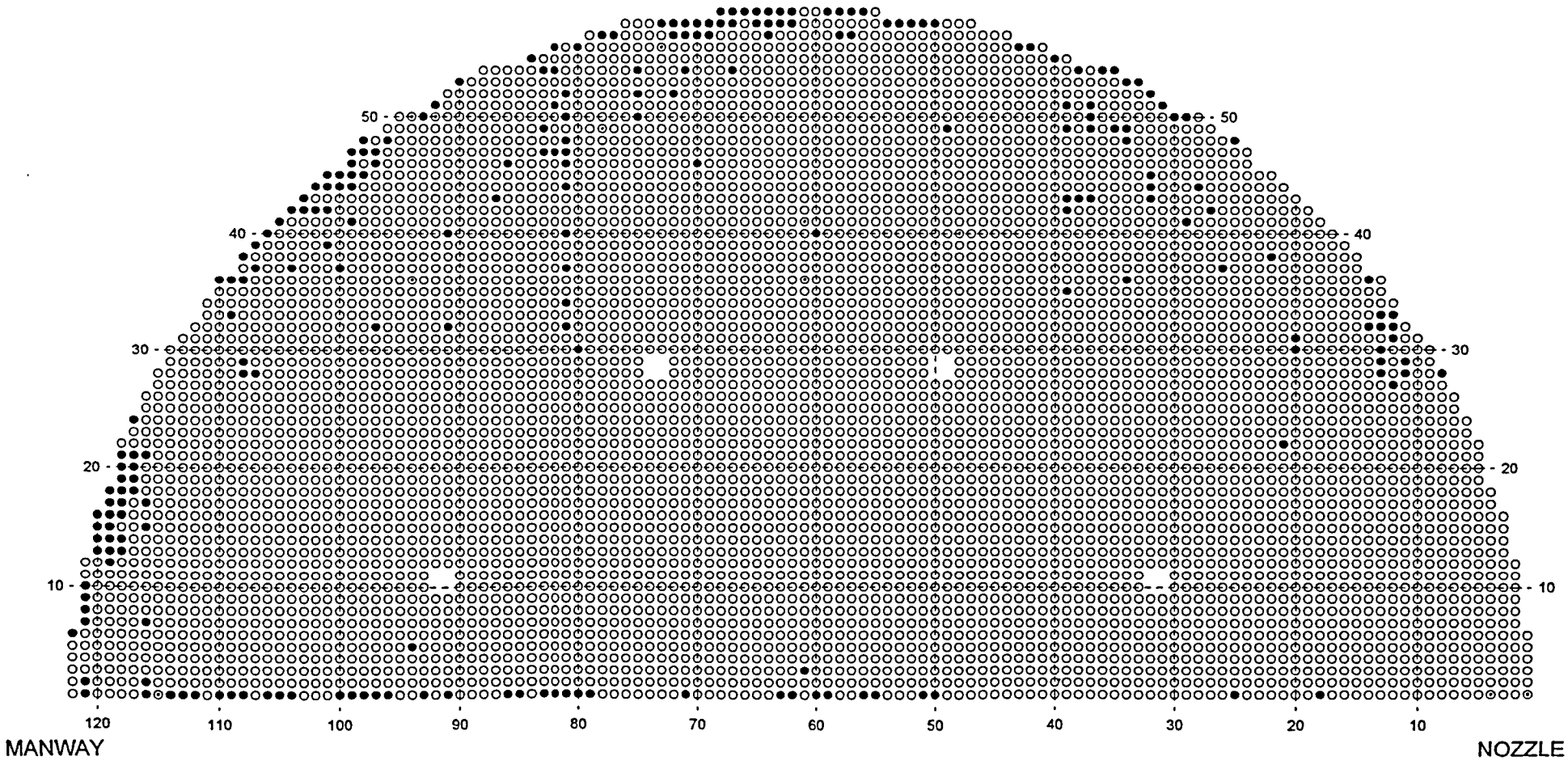
FANP - FDMS map module Version 3.2

GROUP	'ND/TUBES
DNT Indications	395/234

S/G C
HOT
PRIMARY FACE

TOTAL TUBES: 5626
SELECTED TUBES: 234
OUT OF SERVICE (#): 11

SCALE: 0.083214 X
Wed Dec 14 02:26:19 2005
Millstone Unit 3; S/G C HOT
W - f series



Bobbin DNT Indications

QUERY: DNT Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
1	18	10.60	181	P1	DNT	08H	+0.19		08H	TEH			30	HOT	560UL
1	25	4.08	179	P1	DNT	08H	+0.19		08H	TEH			30	HOT	560UL
1	50	3.82	174	P1	DNT	08H	+0.16		08H	TEH			30	HOT	560UL
1	51	3.83	171	P1	DNT	08C	+0.05		08C	TEC			50	COLD	560UC
1	55	1.20	162	P1	DNT	08H	-0.38		08H	TEH			30	HOT	560UL
1	56	4.09	177	P1	DNT	08H	+0.47		08H	TEH			30	HOT	560UL
		5.84	175	P1	DNT	08H	-0.35		08H	TEH			30	HOT	560UL
1	59	3.07	171	P1	DNT	08H	+0.17		08H	TEH			30	HOT	560UL
		0.95	160	P1	DNT	08H	-0.36		08H	TEH			30	HOT	560UL
1	60	4.44	174	P1	DNT	08H	+0.07		08H	TEH			30	HOT	560UL
1	62	1.02	159	P1	DNT	08H	+0.18		08H	TEH			30	HOT	560UL
1	63	1.47	165	P1	DNT	08H	+0.16		08H	TEH			30	HOT	560UL
1	71	4.68	181	P1	DNT	08H	+0.23		08H	TEH			30	HOT	560UL
1	79	3.04	179	P1	DNT	08H	-0.14		08H	TEH			31	HOT	560UL
1	80	4.12	178	P1	DNT	08H	+0.19		08H	TEH			31	HOT	560UL
1	81	4.52	176	P1	DNT	08C	+0.23		08C	TEC			50	COLD	560UC
1	82	2.73	174	P1	DNT	08H	-0.10		08H	TEH			31	HOT	560UL
1	83	4.38	177	P1	DNT	08H	+0.19		08H	TEH			31	HOT	560UL
1	85	4.53	180	P1	DNT	08H	+0.21		08H	TEH			31	HOT	560UL
1	86	5.33	177	P1	DNT	08H	+0.18		08H	TEH			31	HOT	560UL
1	91	10.27	180	P1	DNT	08H	-0.01		08H	TEH			31	HOT	560UL
1	93	3.70	170	P1	DNT	08H	+0.12		08H	TEH			31	HOT	560UL
		2.07	170	P1	DNT	08H	-0.27		08H	TEH			31	HOT	560UL
1	96	3.16	170	P1	DNT	08H	-0.10		08H	TEH			31	HOT	560UL
1	97	6.26	176	P1	DNT	08H	+0.09		08H	TEH			31	HOT	560UL
		3.56	176	P1	DNT	08H	-0.34		08H	TEH			31	HOT	560UL
1	98	5.35	173	P1	DNT	08H	+0.16		08H	TEH			31	HOT	560UL
		2.54	171	P1	DNT	08H	-0.35		08H	TEH			31	HOT	560UL
1	99	2.80	171	P1	DNT	08H	+0.12		08H	TEH			31	HOT	560UL
1	100	3.55	169	P1	DNT	08H	+0.17		08H	TEH			31	HOT	560UL
1	104	4.01	171	P1	DNT	08H	+0.18		08H	TEH			31	HOT	560UL
		3.11	172	P1	DNT	08H	-0.34		08H	TEH			31	HOT	560UL
1	105	5.77	172	P1	DNT	08H	+0.17		08H	TEH			31	HOT	560UL
		3.02	171	P1	DNT	08H	+0.35		08H	TEH			31	HOT	560UL
		2.21	170	P1	DNT	08H	-0.35		08H	TEH			31	HOT	560UL
1	106	6.39	174	P1	DNT	08H	+0.14		08H	TEH			31	HOT	560UL
1	108	2.75	168	P1	DNT	08H	+0.14		08H	TEH			31	HOT	560UL
1	109	4.12	170	P1	DNT	08H	+0.16		08H	TEH			31	HOT	560UL
1	110	2.74	173	P1	DNT	08H	+0.15		08H	TEH			31	HOT	560UL
		2.52	176	P1	DNT	08H	-0.23		08H	TEH			31	HOT	560UL
1	112	3.19	169	P1	DNT	08H	+0.17		08H	TEH			31	HOT	560UL
		2.10	170	P1	DNT	08H	-0.30		08H	TEH			31	HOT	560UL
1	113	2.28	166	P1	DNT	08H	+0.18		08H	TEH			31	HOT	560UL
1	114	3.48	168	P1	DNT	08H	+0.16		08H	TEH			31	HOT	560UL
1	116	3.18	172	P1	DNT	08H	+0.14		08H	TEH			31	HOT	560UL
1	121	1.70	162	P1	DNT	01H	-0.37		08H	TEH			31	HOT	560UL
2	116	2.71	171	P1	DNT	08H	+0.14		08H	TEH			31	HOT	560UL
		3.10	173	P1	DNT	08H	-0.33		08H	TEC			49	COLD	560UC
2	121	1.48	164	P1	DNT	08H	+0.57		08H	TEC	IDOK		48	COLD	560UC
		1.46	161	P1	DNT	08H	-0.12		08H	TEH			31	HOT	560UL
3	61	13.80	178	P1	DNT	03H	-0.46		08H	TEH			30	HOT	560UL
5	94	3.27	185	P1	DNT	06C	+0.27		TEH	TEC			30	COLD	560UL
6	122	2.22	171	P1	DNT	08C	-0.26		TEH	TEC			28	COLD	560UL
		2.13	170	P1	DNT	08C	+0.28		TEH	TEC			28	COLD	560UL
7	116	2.88	179	P1	DNT	01H	+0.58		TEH	TEC			28	COLD	560UL
7	121	2.42	174	P1	DNT	08H	-0.28		TEH	TEC			28	COLD	560UL
		2.19	173	P1	DNT	08H	+0.87		TEH	TEC			28	COLD	560UL
8	121	3.44	178	P1	DNT	08H	-0.33		TEH	TEC			29	COLD	560UL
		2.50	174	P1	DNT	08H	+0.77		TEH	TEC			29	COLD	560UL
9	121	3.78	175	P1	DNT	08H	-0.26		TEH	TEC			28	COLD	560UL
		4.05	174	P1	DNT	08H	+0.87		TEH	TEC			28	COLD	560UL
10	121	2.25	174	P1	DNT	08H	-0.28		TEH	TEC			29	COLD	560UL
		2.99	173	P1	DNT	08H	+0.78		TEH	TEC			29	COLD	560UL
12	119	2.22	174	P1	DNT	08C	-0.32		TEH	TEC			29	COLD	560UL
13	118	2.42	171	P1	DNT	08H	-0.29		TEH	TEC			28	COLD	560UL
		2.34	171	P1	DNT	08C	-0.33		TEH	TEC			28	COLD	560UL
13	119	2.23	171	P1	DNT	08H	-0.29		TEH	TEC			28	COLD	560UL
		2.09	170	P1	DNT	08C	-0.33		TEH	TEC			28	COLD	560UL
13	120	3.40	174	P1	DNT	08H	-0.26		TEH	TEC			28	COLD	560UL
		2.46	171	P1	DNT	08H	+0.82		TEH	TEC			28	COLD	560UL
14	118	3.43	176	P1	DNT	08C	-0.38		TEH	TEC			29	COLD	560UL
14	119	2.29	175	P1	DNT	08H	-0.29		TEH	TEC			29	COLD	560UL
		2.21	174	P1	DNT	08C	+0.68		TEH	TEC			29	COLD	560UL
		2.49	175	P1	DNT	08C	-0.33		TEH	TEC			29	COLD	560UL
14	120	2.63	174	P1	DNT	08H	-0.28		TEH	TEC			29	COLD	560UL
		2.54	173	P1	DNT	08H	+0.77		TEH	TEC			29	COLD	560UL
		2.03	174	P1	DNT	08C	+0.70		TEH	TEC			29	COLD	560UL
		2.70	174	P1	DNT	08C	-0.40		TEH	TEC			29	COLD	560UL
15	116	2.09	173	P1	DNT	08C	-0.40		TEH	TEC			28	COLD	560UL
15	119	2.64	172	P1	DNT	08H	-0.27		TEH	TEC			28	COLD	560UL

Bobbin DNT Indications

QUERY: DNT Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		3.26	171	P1	DNT		08C	+0.60	TEH	TEC			28	COLD	560UL
		3.74	174	P1	DNT		08C	-0.33	TEH	TEC			28	COLD	560UL
15	120	3.13	174	P1	DNT		08H	-0.28	TEH	TEC			28	COLD	560UL
		2.65	174	P1	DNT		08H	+0.74	TEH	TEC			28	COLD	560UL
		3.49	172	P1	DNT		08C	+0.66	TEH	TEC			28	COLD	560UL
		2.64	175	P1	DNT		08C	-0.28	TEH	TEC			28	COLD	560UL
16	118	2.82	173	P1	DNT		08C	-0.42	TEH	TEC			26	COLD	560UL
16	119	4.39	177	P1	DNT		08C	-0.40	TEH	TEC			27	COLD	560UL
		3.23	175	P1	DNT		08C	+0.62	TEH	TEC			27	COLD	560UL
		3.15	175	P1	DNT		08H	+0.70	TEH	TEC			27	COLD	560UL
		3.59	176	P1	DNT		08H	-0.30	TEH	TEC			27	COLD	560UL
16	120	2.42	175	P1	DNT		08C	+0.60	TEH	TEC			26	COLD	560UL
17	116	2.13	172	P1	DNT		08C	+0.56	TEH	TEC			26	COLD	560UL
17	118	2.90	174	P1	DNT		08C	-0.35	TEH	TEC			27	COLD	560UL
		3.13	176	P1	DNT		08C	+0.57	TEH	TEC			27	COLD	560UL
		2.18	175	P1	DNT		08H	-0.30	TEH	TEC			27	COLD	560UL
		2.25	170	P1	DNT		08H	+0.70	TEH	TEC			27	COLD	560UL
17	119	2.07	173	P1	DNT		08H	-0.27	TEH	TEC			26	COLD	560UL
		2.15	173	P1	DNT		08H	+0.73	TEH	TEC			26	COLD	560UL
		2.37	173	P1	DNT		08C	+0.56	TEH	TEC			26	COLD	560UL
		2.83	176	P1	DNT		08C	-0.31	TEH	TEC			26	COLD	560UL
18	117	2.99	177	P1	DNT		08C	-0.38	TEH	TEC			27	COLD	560UL
18	118	3.63	173	P1	DNT		08C	-0.34	TEH	TEC			26	COLD	560UL
18	119	3.45	174	P1	DNT		08H	-0.29	TEH	TEC			26	COLD	560UL
		2.67	174	P1	DNT		08H	+0.73	TEH	TEC			26	COLD	560UL
		2.60	175	P1	DNT		08C	+0.62	TEH	TEC			26	COLD	560UL
		3.46	175	P1	DNT		08C	-0.40	TEH	TEC			26	COLD	560UL
19	117	2.06	173	P1	DNT		08C	-0.40	TEH	TEC			26	COLD	560UL
19	118	3.21	175	P1	DNT		08C	-0.37	TEH	TEC			27	COLD	560UL
		2.33	175	P1	DNT		08H	-0.32	TEH	TEC			27	COLD	560UL
20	117	2.59	176	P1	DNT		08C	-0.42	TEH	TEC			27	COLD	560UL
20	118	2.16	174	P1	DNT		08C	-0.36	TEH	TEC			26	COLD	560UL
21	116	2.06	172	P1	DNT		08C	-0.41	TEH	TEC			26	COLD	560UL
21	117	2.29	172	P1	DNT		08C	-0.38	TEH	TEC			26	COLD	560UL
21	118	2.07	174	P1	DNT		08C	+0.61	TEH	TEC			27	COLD	560UL
		2.63	173	P1	DNT		08H	+0.77	TEH	TEC			27	COLD	560UL
		2.31	174	P1	DNT		08H	-0.30	TEH	TEC			27	COLD	560UL
22	21	15.42	182	P1	DNT		01H	+0.06	TEH	TEC			39	COLD	560UL
24	117	2.03	170	P1	DNT		08C	-0.42	TEH	TEC			26	COLD	560UL
27	12	2.98	170	P1	DNT		08C	+0.40	TEH	TEC			36	COLD	560UL
28	8	3.44	175	P1	DNT		08C	-0.78	TEH	TEC			36	COLD	560UL
28	11	2.26	172	P1	DNT		08C	+0.74	TEH	TEC			36	COLD	560UL
28	13	0.99	158	P1	DNT		08C	-0.71	TEH	TEC			16	COLD	560UL
		3.58	174	P1	DNT		08H	-0.49	TEH	TEC			16	COLD	560UL
		10.89	178	P1	DNT		08H	+0.50	TEH	TEC			16	COLD	560UL
28	107	2.09	166	P1	DNT		08C	+0.37	TEH	TEC			25	COLD	560UL
		2.61	173	P1	DNT		08H	+0.66	TEH	TEC			25	COLD	560UL
28	108	1.49	165	P1	DNT		08C	+0.36	TEH	TEC			24	COLD	560UL
29	11	12.37	177	P1	DNT		08C	+0.37	TEH	TEC			37	COLD	560UL
		3.26	171	P1	DNT		08C	-0.60	TEH	TEC			37	COLD	560UL
29	13	6.03	179	P1	DNT		08H	+0.15	TEH	TEC			17	COLD	560UL
		2.20	182	P1	DNT		08H	+0.73	TEH	TEC			17	COLD	560UL
29	108	11.71	178	P1	DNT		08C	+0.37	TEH	TEC			25	COLD	560UL
		2.22	158	P1	DNT		08C	-0.74	TEH	TEC			25	COLD	560UL
30	13	2.32	173	P1	DNT		08C	+0.40	TEH	TEC			16	COLD	560UL
30	20	0.47	151	P1	DNT		08C	-0.71	TEH	TEC			16	COLD	560UL
		1.68	165	P1	DNT		08C	+0.42	TEH	TEC			16	COLD	560UL
30	80	1.30	163	P1	DNT		08C	+0.42	TEH	TEC			14	COLD	560UL
31	12	4.91	174	P1	DNT		08C	+0.36	TEH	TEC			36	COLD	560UL
31	20	3.16	174	P1	DNT		08C	+0.37	TEH	TEC			17	COLD	560UL
32	12	14.99	176	P1	DNT		08C	+0.43	TEH	TEC			37	COLD	560UL
		3.19	169	P1	DNT		08C	-0.56	TEH	TEC			37	COLD	560UL
32	13	5.44	177	P1	DNT		08C	+0.63	TEH	TEC			36	COLD	560UL
32	14	5.90	175	P1	DNT		08C	+0.45	TEH	TEC			16	COLD	560UL
32	81	4.06	176	P1	DNT		08H	+0.47	TEH	TEC			15	COLD	560UL
32	91	1.76	164	P1	DNT		08C	+0.33	TEH	TEC			21	COLD	560UL
		0.61	143	P1	DNT		08C	-0.67	TEH	TEC			21	COLD	560UL
32	97	2.42	167	P1	DNT		08C	+0.37	TEH	TEC			23	COLD	560UL
33	12	16.73	178	P1	DNT		08C	+0.43	TEH	TEC			36	COLD	560UL
		5.26	175	P1	DNT		08C	-0.24	TEH	TEC			36	COLD	560UL
33	13	3.14	173	P1	DNT		08C	+0.32	TEH	TEC			37	COLD	560UL
33	109	0.99	154	P1	DNT		08H	+0.59	TEH	TEC			24	COLD	560UL
34	81	0.92	153	P1	DNT		08H	-0.46	TEH	TEC			15	COLD	560UL
35	39	2.46	179	P1	DNT		08C	+0.29	TEH	TEC			4	COLD	560UL
		2.13	171	P1	DNT		08H	+0.53	TEH	TEC			4	COLD	560UL
36	14	2.31	166	P1	DNT		08H	+0.49	TEH	TEC			36	COLD	560UL
36	34	1.78	169	P1	DNT		08C	+0.36	TEH	TEC			14	COLD	560UL
36	108	0.51	139	P1	DNT		08H	-0.63	TEH	TEC			24	COLD	560UL
		2.61	167	P1	DNT		08H	+0.47	TEH	TEC			24	COLD	560UL
36	109	3.22	176	P1	DNT		AV1	+0.11	TEH	TEC			24	COLD	560UL

Bobbin DNT Indications

QUERY: DNT Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		3.11	175	P1	DNT		AV3	+0.00	TEH	TEC			24	COLD	560UL
		6.76	178	P1	DNT		AV4	+0.00	TEH	TEC			24	COLD	560UL
36	110	1.50	167	P1	DNT		08C	+0.63	TEH	TEC			24	COLD	560UL
37	26	3.69	172	P1	DNT		08C	+0.33	TEH	TEC			16	COLD	560UL
37	81	4.35	172	P1	DNT		08C	+0.34	TEH	TEC			14	COLD	560UL
37	100	1.19	167	P1	DNT		08H	+0.45	TEH	TEC			24	COLD	560UL
37	104	2.71	173	P1	DNT		08H	+0.45	TEH	TEC			25	COLD	560UL
37	107	1.33	163	P1	DNT		08H	+0.45	TEH	TEC			24	COLD	560UL
38	22	2.14	178	P1	DNT		05H	+0.07	TEH	TEC			16	COLD	560UL
38	108	5.90	175	P1	DNT		AV3	+0.00	TEH	TEC			24	COLD	560UL
		5.64	177	P1	DNT		AV4	+0.09	TEH	TEC			24	COLD	560UL
39	101	2.65	171	P1	DNT		08H	-0.61	TEH	TEC			24	COLD	560UL
		7.18	176	P1	DNT		08H	+0.47	TEH	TEC			24	COLD	560UL
		0.58	149	P1	DNT		08C	+0.34	TEH	TEC			24	COLD	560UL
39	107	7.11	176	P1	DNT		AV3	+0.00	TEH	TEC			24	COLD	560UL
		2.22	172	P1	DNT		AV4	+0.04	TEH	TEC			24	COLD	560UL
40	60	7.63	179	P1	DNT		07C	-0.76	TEH	TEC			10	COLD	560UL
40	81	2.37	168	P1	DNT		08H	+0.55	TEH	TEC			15	COLD	560UL
40	91	3.34	185	P1	DNT		04H	+0.17	TEH	TEC			21	COLD	560UL
40	106	7.18	177	P1	DNT		AV3	+0.02	TEH	TEC			24	COLD	560UL
		3.75	176	P1	DNT		AV4	-0.02	TEH	TEC			24	COLD	560UL
41	29	1.04	163	P1	DNT		08H	+0.48	TEH	TEC			15	COLD	560UL
41	99	1.03	159	P1	DNT		08H	+0.49	TEH	TEC			24	COLD	560UL
		0.70	161	P1	DNT		08C	+0.27	TEH	TEC			24	COLD	560UL
41	105	10.36	178	P1	DNT		AV3	+0.04	TEH	TEC			24	COLD	560UL
		8.99	178	P1	DNT		AV4	+0.00	TEH	TEC			24	COLD	560UL
42	27	2.21	162	P1	DNT		08C	+0.35	TEH	TEC			14	COLD	560UL
42	39	7.59	174	P1	DNT		08H	+0.54	TEH	TEC			3	COLD	560UL
		2.19	170	P1	DNT		08C	+0.34	TEH	TEC			3	COLD	560UL
		4.23	176	P1	DNT		08C	-0.79	TEH	TEC			3	COLD	560UL
42	101	2.30	176	P1	DNT		07C	+0.61	TEH	TEC			25	COLD	560UL
42	102	2.30	172	P1	DNT		07C	+0.69	TEH	TEC			24	COLD	560UL
42	103	2.08	176	P1	DNT		07C	+0.63	TEH	TEC			25	COLD	560UL
42	104	3.40	174	P1	DNT		AV3	+0.02	TEH	TEC			24	COLD	560UL
		4.76	176	P1	DNT		AV4	+0.02	TEH	TEC			24	COLD	560UL
43	32	2.32	170	P1	DNT		08H	+0.44	TEH	TEC			14	COLD	560UL
43	37	2.87	175	P1	DNT		08H	+0.30	TEH	TEC			15	COLD	560UL
43	38	3.54	174	P1	DNT		08H	+0.47	TEH	TEC			14	COLD	560UL
43	39	3.85	175	P1	DNT		08H	-0.62	TEH	TEC			4	COLD	560UL
		9.29	179	P1	DNT		08H	+0.51	TEH	TEC			4	COLD	560UL
43	87	3.72	176	P1	DNT		08C	+0.44	TEH	TEC			20	COLD	560UL
43	103	3.90	175	P1	DNT		AV3	-0.02	TEH	TEC			24	COLD	560UL
		3.44	175	P1	DNT		AV4	+0.00	TEH	TEC			24	COLD	560UL
		2.38	173	P1	DNT		07C	-0.49	TEH	TEC			24	COLD	560UL
44	28	1.45	163	P1	DNT		08H	+0.54	TEH	TEC			15	COLD	560UL
44	32	4.99	178	P1	DNT		08H	+0.32	TEH	TEC			15	COLD	560UL
		1.37	154	P1	DNT		08C	+0.33	TEH	TEC			15	COLD	560UL
		3.23	169	P1	DNT		08H	-0.79	TEH	TEC			15	COLD	560UL
44	81	5.92	175	P1	DNT		08H	+0.52	TEH	TEC			15	COLD	560UL
44	99	2.83	178	P1	DNT		07C	-0.43	TEH	TEC			25	COLD	560UL
44	100	3.99	179	P1	DNT		07C	-0.39	TEH	TEC			25	COLD	560UL
		2.25	176	P1	DNT		07C	+0.63	TEH	TEC			25	COLD	560UL
44	101	3.56	178	P1	DNT		07C	+0.63	TEH	TEC			25	COLD	560UL
		2.16	179	P1	DNT		AV4	+0.00	TEH	TEC			25	COLD	560UL
44	102	4.49	177	P1	DNT		AV3	+0.04	TEH	TEC			24	COLD	560UL
		12.80	178	P1	DNT		AV4	+0.00	TEH	TEC			24	COLD	560UL
		2.65	174	P1	DNT		07C	+0.63	TEH	TEC			24	COLD	560UL
		3.34	175	P1	DNT		07C	-0.40	TEH	TEC			24	COLD	560UL
45	32	2.81	170	P1	DNT		08H	+0.51	TEH	TEC			14	COLD	560UL
45	98	2.65	175	P1	DNT		07C	+0.63	TEH	TEC			25	COLD	560UL
45	99	3.06	172	P1	DNT		07C	-0.47	TEH	TEC			24	COLD	560UL
45	100	1.22	164	P1	DNT		08H	+0.44	TEH	TEC			24	COLD	560UL
		2.23	176	P1	DNT		AV2	+0.09	TEH	TEC			24	COLD	560UL
		3.21	175	P1	DNT		AV3	-0.16	TEH	TEC			24	COLD	560UL
		3.42	176	P1	DNT		AV3	+0.20	TEH	TEC			24	COLD	560UL
		2.63	175	P1	DNT		AV4	+0.00	TEH	TEC			24	COLD	560UL
		1.19	164	P1	DNT		08C	+0.40	TEH	TEC			24	COLD	560UL
		3.36	173	P1	DNT		07C	+0.71	TEH	TEC			24	COLD	560UL
45	101	3.39	174	P1	DNT		AV3	+0.00	TEH	TEC			24	COLD	560UL
		3.47	176	P1	DNT		AV4	+0.07	TEH	TEC			24	COLD	560UL
		2.75	176	P1	DNT		AV5	+0.00	TEH	TEC			24	COLD	560UL
		5.35	174	P1	DNT		07C	+0.63	TEH	TEC			24	COLD	560UL
		2.42	170	P1	DNT		07C	-0.45	TEH	TEC			24	COLD	560UL
46	70	2.96	168	P1	DNT		08H	+0.60	TEH	TEC			12	COLD	560UL
46	81	1.70	163	P1	DNT		08H	+0.54	TEH	TEC			15	COLD	560UL
		0.35	133	P1	DNT		08H	-0.64	TEH	TEC			15	COLD	560UL
46	86	3.02	173	P1	DNT		08H	+0.53	TEH	TEC			20	COLD	560UL
46	97	2.23	172	P1	DNT		07C	-0.41	TEH	TEC			23	COLD	560UL
		2.15	176	P1	DNT		07C	+0.63	TEH	TEC			23	COLD	560UL
46	99	3.20	176	P1	DNT		07C	-0.39	TEH	TEC			25	COLD	560UL

Bobbin DNT Indications

QUERY: DNT Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		2.73	175	P1	DNT		07C	+0.65	TEH	TEC			25	COLD	560UL
47	81	4.63	177	P1	DNT		08H	+0.51	TEH	TEC			14	COLD	560UL
		2.47	172	P1	DNT		08H	-0.52	TEH	TEC			14	COLD	560UL
47	82	2.52	174	P1	DNT		08H	+0.58	TEH	TEC			15	COLD	560UL
		6.17	178	P1	DNT		08C	+0.35	TEH	TEC			15	COLD	560UL
		2.86	167	P1	DNT		08C	-0.68	TEH	TEC			15	COLD	560UL
47	83	3.71	177	P1	DNT		08C	-0.11	TEH	TEC			15	COLD	560UL
		4.46	178	P1	DNT		08C	-0.46	TEH	TEC			15	COLD	560UL
47	97	2.58	165	P1	DNT		07C	+0.62	TEH	TEC			22	COLD	560UL
47	98	2.71	174	P1	DNT		07C	-0.37	TEH	TEC			25	COLD	560UL
		2.62	175	P1	DNT		07C	+0.67	TEH	TEC			25	COLD	560UL
47	99	4.32	177	P1	DNT		AV3	+0.00	TEH	TEC			24	COLD	560UL
		4.74	178	P1	DNT		AV4	+0.00	TEH	TEC			24	COLD	560UL
		4.49	177	P1	DNT		07C	+0.63	TEH	TEC			24	COLD	560UL
		4.06	177	P1	DNT		07C	-0.40	TEH	TEC			24	COLD	560UL
48	25	8.95	178	P1	DNT		AV6	+0.00	TEH	TEC			17	COLD	560UL
48	34	2.70	171	P1	DNT		08H	+0.40	TEH	TEC			14	COLD	560UL
48	81	2.71	162	P1	DNT		08H	-0.61	TEH	TEC			15	COLD	560UL
		6.64	175	P1	DNT		08H	+0.50	TEH	TEC			15	COLD	560UL
48	96	2.08	158	P1	DNT		08C	+0.28	TEH	TEC			23	COLD	560UL
		2.09	167	P1	DNT		08H	+0.36	TEH	TEC			23	COLD	560UL
48	98	2.87	175	P1	DNT		AV5	+0.00	TEH	TEC			24	COLD	560UL
		3.71	174	P1	DNT		07C	-0.40	TEH	TEC			24	COLD	560UL
		1.58	167	P1	DNT		07C	+0.65	TEH	TEC			24	COLD	560UL
49	34	0.68	159	P1	DNT		08H	+0.54	TEH	TEC			15	COLD	560UL
		1.24	160	P1	DNT		08C	+0.31	TEH	TEC			15	COLD	560UL
49	35	1.29	164	P1	DNT		08C	+0.37	TEH	TEC			15	COLD	560UL
		1.06	164	P1	DNT		08C	-0.76	TEH	TEC			15	COLD	560UL
49	37	1.60	163	P1	DNT		08H	+0.47	TEH	TEC			15	COLD	560UL
49	39	3.06	170	P1	DNT		08H	+0.41	TEH	TEC			4	COLD	560UL
49	49	2.78	175	P1	DNT		08H	+0.51	TEH	TEC			16	COLD	560UL
49	83	2.15	162	P1	DNT		08H	-0.70	TEH	TEC			15	COLD	560UL
		1.70	165	P1	DNT		08H	+0.52	TEH	TEC			15	COLD	560UL
		1.84	166	P1	DNT		08C	+0.07	TEH	TEC			15	COLD	560UL
50	29	2.76	175	P1	DNT		AV2	+0.15	TEH	TEC			15	COLD	560UL
50	30	2.82	175	P1	DNT		AV2	+0.04	TEH	TEC			15	COLD	560UL
		20.27	178	P1	DNT		AV3	+0.00	TEH	TEC			15	COLD	560UL
50	37	2.55	171	P1	DNT		08H	+0.53	TEH	TEC			14	COLD	560UL
		4.39	177	P1	DNT		08C	-0.67	TEH	TEC			14	COLD	560UL
50	75	2.31	173	P1	DNT		08H	+0.43	TEH	TEC			13	COLD	560UL
50	81	4.74	173	P1	DNT		08H	+0.48	TEH	TEC			15	COLD	560UL
		1.17	156	P1	DNT		08C	+0.37	TEH	TEC			15	COLD	560UL
		1.38	158	P1	DNT		08H	-0.62	TEH	TEC			15	COLD	560UL
50	93	3.42	174	P1	DNT		AV3	+0.00	TEH	TEC			22	COLD	560UL
51	31	4.38	176	P1	DNT		AV2	+0.04	TEH	TEC			15	COLD	560UL
		12.11	178	P1	DNT		AV3	+0.09	TEH	TEC			15	COLD	560UL
51	37	1.06	159	P1	DNT		08C	+0.37	TEH	TEC			15	COLD	560UL
		1.51	160	P1	DNT		08H	+0.56	TEH	TEC			15	COLD	560UL
51	39	3.18	173	P1	DNT		08H	+0.43	TEH	TEC			4	COLD	560UL
51	82	4.24	176	P1	DNT		08C	+0.24	TEH	TEC			15	COLD	560UL
		2.32	166	P1	DNT		08C	-0.74	TEH	TEC			15	COLD	560UL
51	92	2.24	177	P1	DNT		AV3	+0.07	TEH	TEC			20	COLD	560UL
52	32	8.54	180	P1	DNT		AV2	+0.20	TEH	TEC			15	COLD	560UL
		8.24	179	P1	DNT		AV3	+0.04	TEH	TEC			15	COLD	560UL
		4.06	179	P1	DNT		AV4	-0.04	TEH	TEC			15	COLD	560UL
		2.98	173	P1	DNT		AV6	-0.24	TEH	TEC			15	COLD	560UL
52	72	2.21	170	P1	DNT		08C	+0.34	TEH	TEC			12	COLD	560UL
52	75	2.79	172	P1	DNT		08C	+0.44	TEH	TEC			13	COLD	560UL
52	81	4.73	172	P1	DNT		08H	+0.45	TEH	TEC			15	COLD	560UL
		0.96	150	P1	DNT		08H	-0.54	TEH	TEC			15	COLD	560UL
53	33	3.18	179	P1	DNT		AV3	+0.30	TEH	TEC			15	COLD	560UL
53	34	4.02	177	P1	DNT		AV3	-0.02	TEH	TEC			15	COLD	560UL
		2.62	176	P1	DNT		AV5	+0.00	TEH	TEC			15	COLD	560UL
53	90	3.24	179	P1	DNT		AV4	-0.07	TEH	TEC			20	COLD	560UL
54	35	3.16	177	P1	DNT		AV3	+0.22	TEH	TEC			15	COLD	560UL
54	36	2.26	176	P1	DNT		AV3	+0.11	TEH	TEC			15	COLD	560UL
54	38	2.94	178	P1	DNT		AV2	+0.13	TEH	TEC			15	COLD	560UL
		3.54	180	P1	DNT		AV4	+0.04	TEH	TEC			15	COLD	560UL
54	67	4.94	176	P1	DNT		08C	+0.38	TEH	TEC			10	COLD	560UL
54	71	3.83	177	P1	DNT		08H	+0.45	TEH	TEC			13	COLD	560UL
54	75	2.89	171	P1	DNT		08C	+0.37	TEH	TEC			13	COLD	560UL
54	82	6.45	175	P1	DNT		08C	+0.47	TEH	TEC			14	COLD	560UL
		2.42	164	P1	DNT		08C	-0.58	TEH	TEC			14	COLD	560UL
54	83	2.02	169	P1	DNT		08H	+0.39	TEH	TEC			14	COLD	560UL
55	40	3.41	179	P1	DNT		AV2	+0.11	TEH	TEC			3	COLD	560UL
55	84	2.77	178	P1	DNT		AV3	+0.07	TEH	TEC			20	COLD	560UL
56	42	2.47	178	P1	DNT		AV3	+0.04	TEH	TEC			3	COLD	560UL
56	43	2.21	176	P1	DNT		AV2	+0.02	TEH	TEC			3	COLD	560UL
		2.91	179	P1	DNT		AV3	+0.07	TEH	TEC			3	COLD	560UL
56	80	2.18	171	P1	DNT		08C	-0.39	TEH	TEC			15	COLD	560UL

Bobbin DNT Indications

QUERY: DNT Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
56	82	2.18	173	P1	DNT		AV1	+0.04	TEH	TEC			15	COLD	560UL
57	57	3.24	187	P1	DNT		04C	-0.13	TEH	TEC			9	COLD	560UL
57	58	2.32	179	P1	DNT		AV2	+0.07	TEH	TEC			9	COLD	560UL
57	64	3.70	182	P1	DNT		AV2	+0.04	TEH	TEC			11	COLD	560UL
57	69	2.38	176	P1	DNT		AV5	+0.00	TEH	TEC			12	COLD	560UL
		2.81	178	P1	DNT		AV2	+0.04	TEH	TEC			12	COLD	560UL
57	70	2.62	184	P1	DNT		AV2	+0.07	TEH	TEC			13	COLD	560UL
		2.55	184	P1	DNT		AV5	+0.00	TEH	TEC			13	COLD	560UL
57	71	2.15	176	P1	DNT		AV5	-0.02	TEH	TEC			12	COLD	560UL
57	72	2.06	180	P1	DNT		AV5	+0.00	TEH	TEC			13	COLD	560UL
57	77	4.94	179	P1	DNT		AV5	+0.00	TEH	TEC			13	COLD	560UL
57	78	2.97	179	P1	DNT		AV5	+0.00	TEH	TEC			13	COLD	560UL
58	50	2.31	181	P1	DNT		AV1	+0.00	TEH	TEC			17	COLD	560UL
		2.58	178	P1	DNT		AV2	+0.00	TEH	TEC			17	COLD	560UL
		13.41	179	P1	DNT		AV4	+0.00	TEH	TEC			17	COLD	560UL
58	51	4.25	179	P1	DNT		AV1	+0.00	TEH	TEC			17	COLD	560UL
58	52	3.01	176	P1	DNT		AV1	-0.00	TEH	TEC			8	COLD	560UL
		2.81	180	P1	DNT		AV4	+0.43	TEH	TEC			8	COLD	560UL
58	53	4.78	181	P1	DNT		AV4	+0.36	TEH	TEC			8	COLD	560UL
58	54	2.54	174	P1	DNT		AV1	-0.09	TEH	TEC			8	COLD	560UL
		4.69	179	P1	DNT		AV2	+0.09	TEH	TEC			8	COLD	560UL
		2.49	180	P1	DNT		AV3	-0.13	TEH	TEC			8	COLD	560UL
		6.51	181	P1	DNT		AV4	+0.07	TEH	TEC			8	COLD	560UL
58	62	2.27	177	P1	DNT		AV5	+0.00	TEH	TEC			10	COLD	560UL
58	63	3.05	178	P1	DNT		AV5	+0.22	TEH	TEC			10	COLD	560UL
58	64	2.91	178	P1	DNT		AV5	+0.00	TEH	TEC			10	COLD	560UL
		2.35	181	P1	DNT		AV4	+0.40	TEH	TEC			10	COLD	560UL
		2.31	178	P1	DNT		AV3	-0.13	TEH	TEC			10	COLD	560UL
		9.42	179	P1	DNT		AV2	-0.04	TEH	TEC			10	COLD	560UL
58	65	3.00	176	P1	DNT		AV5	+0.00	TEH	TEC			10	COLD	560UL
		2.18	176	P1	DNT		AV2	-0.04	TEH	TEC			10	COLD	560UL
		2.83	177	P1	DNT		AV1	+0.00	TEH	TEC			10	COLD	560UL
58	67	2.25	177	P1	DNT		AV2	+0.09	TEH	TEC			10	COLD	560UL
58	68	2.00	179	P1	DNT		AV4	+0.40	TEH	TEC			12	COLD	560UL
		2.27	180	P1	DNT		AV2	-0.07	TEH	TEC			12	COLD	560UL
		2.26	174	P1	DNT		AV1	+0.02	TEH	TEC			12	COLD	560UL
58	69	5.16	180	P1	DNT		AV2	-0.22	TEH	TEC			13	COLD	560UL
		4.11	182	P1	DNT		AV3	+0.04	TEH	TEC			13	COLD	560UL
		9.67	181	P1	DNT		AV5	+0.42	TEH	TEC			13	COLD	560UL
		15.88	181	P1	DNT		AV1	-0.59	TEH	TEC			13	COLD	560UL
58	70	5.79	181	P1	DNT		AV2	-0.11	TEH	TEC			13	COLD	560UL
		9.03	182	P1	DNT		AV3	+0.00	TEH	TEC			13	COLD	560UL
		2.85	183	P1	DNT		AV4	+0.00	TEH	TEC			13	COLD	560UL
		6.22	184	P1	DNT		AV5	+0.00	TEH	TEC			13	COLD	560UL
58	71	5.35	179	P1	DNT		AV1	+0.00	TEH	TEC			13	COLD	560UL
		5.37	180	P1	DNT		AV2	+0.00	TEH	TEC			13	COLD	560UL
		3.02	180	P1	DNT		AV3	+0.00	TEH	TEC			13	COLD	560UL
		5.56	181	P1	DNT		AV5	+0.00	TEH	TEC			13	COLD	560UL
58	72	6.08	181	P1	DNT		AV5	+0.00	TEH	TEC			13	COLD	560UL
58	73	3.82	180	P1	DNT		AV5	-0.02	TEH	TEC			13	COLD	560UL
59	56	3.95	179	P1	DNT		AV2	+0.00	TEH	TEC			9	COLD	560UL
59	57	5.18	180	P1	DNT		AV2	+0.02	TEH	TEC			9	COLD	560UL
		2.80	179	P1	DNT		AV3	+0.11	TEH	TEC			9	COLD	560UL
59	58	2.13	182	P1	DNT		AV2	-0.17	TEH	TEC			9	COLD	560UL
59	59	3.85	179	P1	DNT		AV1	+0.00	TEH	TEC			9	COLD	560UL
		4.56	180	P1	DNT		AV3	-0.18	TEH	TEC			9	COLD	560UL
		3.26	181	P1	DNT		AV4	+0.07	TEH	TEC			9	COLD	560UL
59	62	13.76	181	P1	DNT		AV5	+0.26	TEH	TEC			11	COLD	560UL
		3.09	183	P1	DNT		AV4	+0.26	TEH	TEC			11	COLD	560UL
59	63	3.09	182	P1	DNT		AV5	+0.02	TEH	TEC			11	COLD	560UL
59	64	3.45	182	P1	DNT		AV2	+0.04	TEH	TEC			11	COLD	560UL
		4.83	179	P1	DNT		AV5	+0.02	TEH	TEC			11	COLD	560UL
		2.07	184	P1	DNT		AV4	+0.02	TEH	TEC			11	COLD	560UL
59	65	5.31	181	P1	DNT		AV2	-0.35	TEH	TEC			11	COLD	560UL
		2.77	178	P1	DNT		AV5	+0.00	TEH	TEC			11	COLD	560UL
		3.01	179	P1	DNT		AV1	+0.02	TEH	TEC			11	COLD	560UL
59	66	2.71	179	P1	DNT		AV5	+0.02	TEH	TEC			11	COLD	560UL
59	67	3.90	182	P1	DNT		AV1	-0.58	TEH	TEC			11	COLD	560UL
		2.47	183	P1	DNT		AV2	-0.02	TEH	TEC			11	COLD	560UL
		3.97	183	P1	DNT		AV3	-0.02	TEH	TEC			11	COLD	560UL
		2.21	184	P1	DNT		AV4	+0.00	TEH	TEC			11	COLD	560UL
		2.46	180	P1	DNT		AV5	+0.00	TEH	TEC			11	COLD	560UL
59	68	7.42	181	P1	DNT		AV1	-0.47	TEH	TEC			13	COLD	560UL
		2.21	176	P1	DNT		AV1	+0.37	TEH	TEC			13	COLD	560UL
		2.47	179	P1	DNT		AV2	-0.18	TEH	TEC			13	COLD	560UL

Total Tubes : 234
Total Records: 395

Bobbin DNT Indications

QUERY: DNT Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE

ATTACHMENT 3

TUBE SHEET MAP AND LISTING

PLP / LPR INDICATIONS

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3

Millstone Unit 3
10/05 - 3R10

LPR/PLP Indications

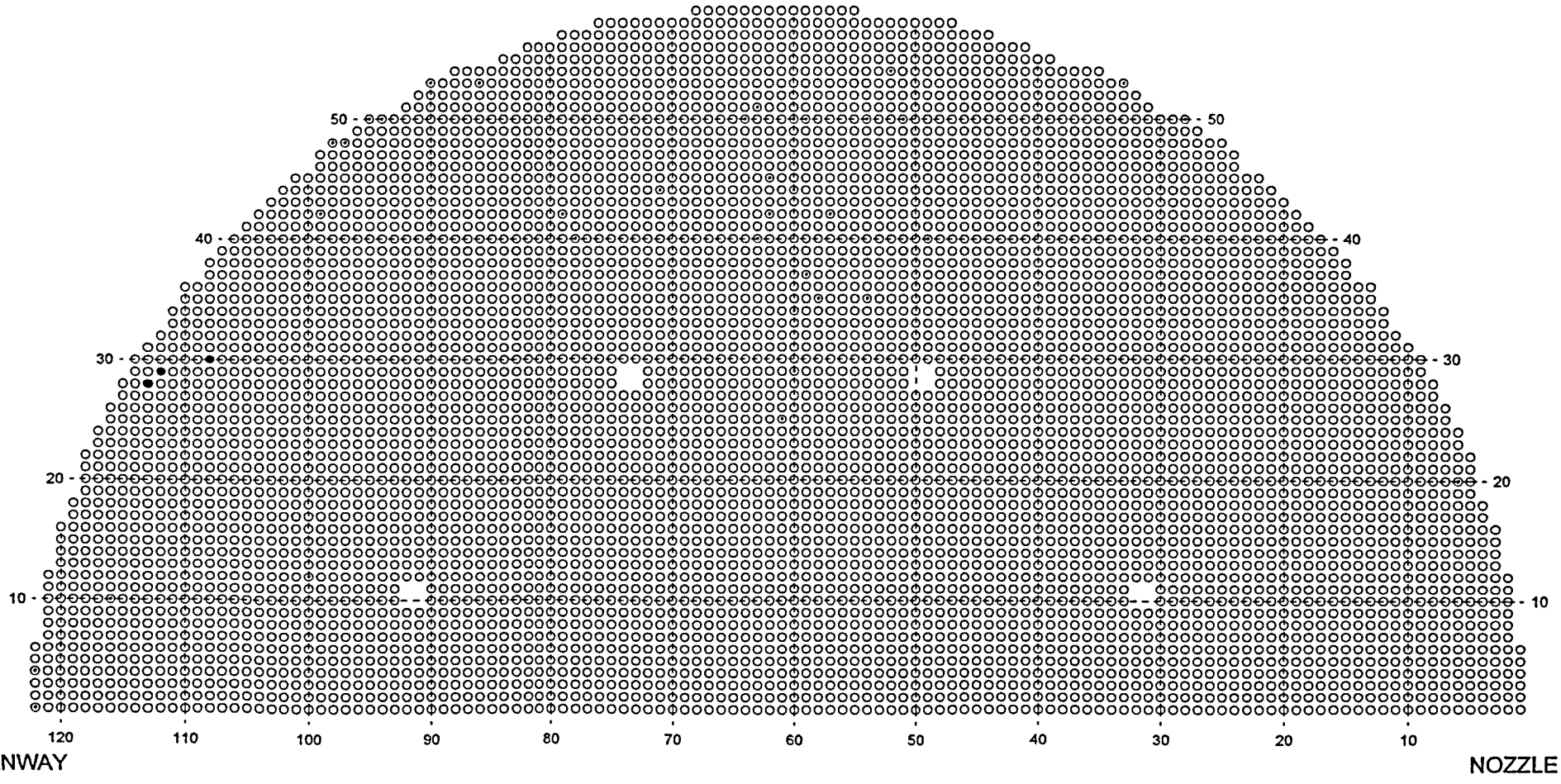
FANP - FDMS map module Version 3.2

GROUP	ND/TUBES
LPR Indications	2/2
PLP Indications	1/1

S/G A
HOT
PRIMARY FACE

TOTAL TUBES: 5626
SELECTED TUBES: 3
OUT OF SERVICE (#): 36

SCALE: 0.083214 X
Wed Dec 14 00:05:54 2005
Millstone Unit 3: S/G A HOT
W - f series



RPC LPR Indications

QUERY: LPR Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
28	113	0.09	78	11	LPR		01H	+0.44	01H	01H	LAR		41	HOT	560PP
29	112	0.19	94	11	LPR		01H	+0.49	01H	01H	LAR		41	HOT	560PP

Total Tubes : 2
Total Records: 2

RPC PLP Indications

QUERY: PLP Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
30	108	0.10	75	11	PLP		TSC	+0.14	TSC	TSC	LAR		53	COLD	560PP

Total Tubes : 1
Total Records: 1

Millstone Unit 3
10/05 - 3R10

PLP Indications

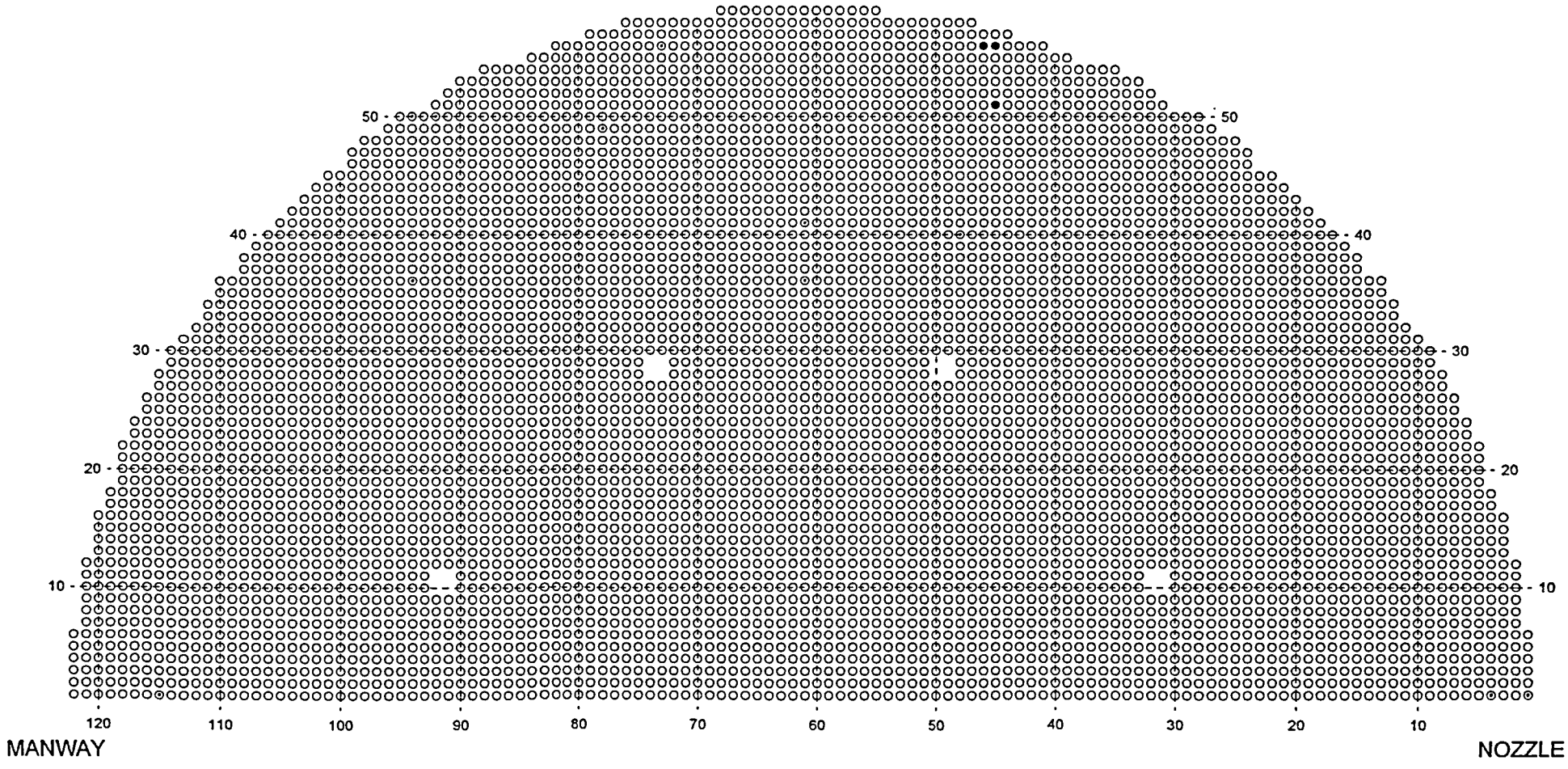
FANP - FDMS map module Version 3.2

GROUP	'ND/TUBES
PLP Indications	3/3

S/G C
HOT
PRIMARY FACE

TOTAL TUBES: 5626
SELECTED TUBES: 3
OUT OF SERVICE (#): 11

SCALE: 0.083214 X
Wed Dec 14 02:22:27 2005
Millstone Unit 3; S/G C HOT
W - f series



RPC PLP Indications

QUERY: PLP Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
51	45	0.09	77	11	PLP		TSH	+0.14	TSH	TSH	LAR		9	HOT	560PP
56	45	0.25	76	11	PLP		TSH	+0.17	TSH	TSH	LAR		10	HOT	560PP
56	46	0.25	72	11	PLP		TSH	+0.12	TSH	TSH	LAR		10	HOT	560PP

Total Tubes : 3
Total Records: 3

ATTACHMENT 4

TUBE SHEET MAP AND LISTING

SVI INDICATIONS

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3

Millstone Unit 3
10/05 - 3R10

SVI Indications

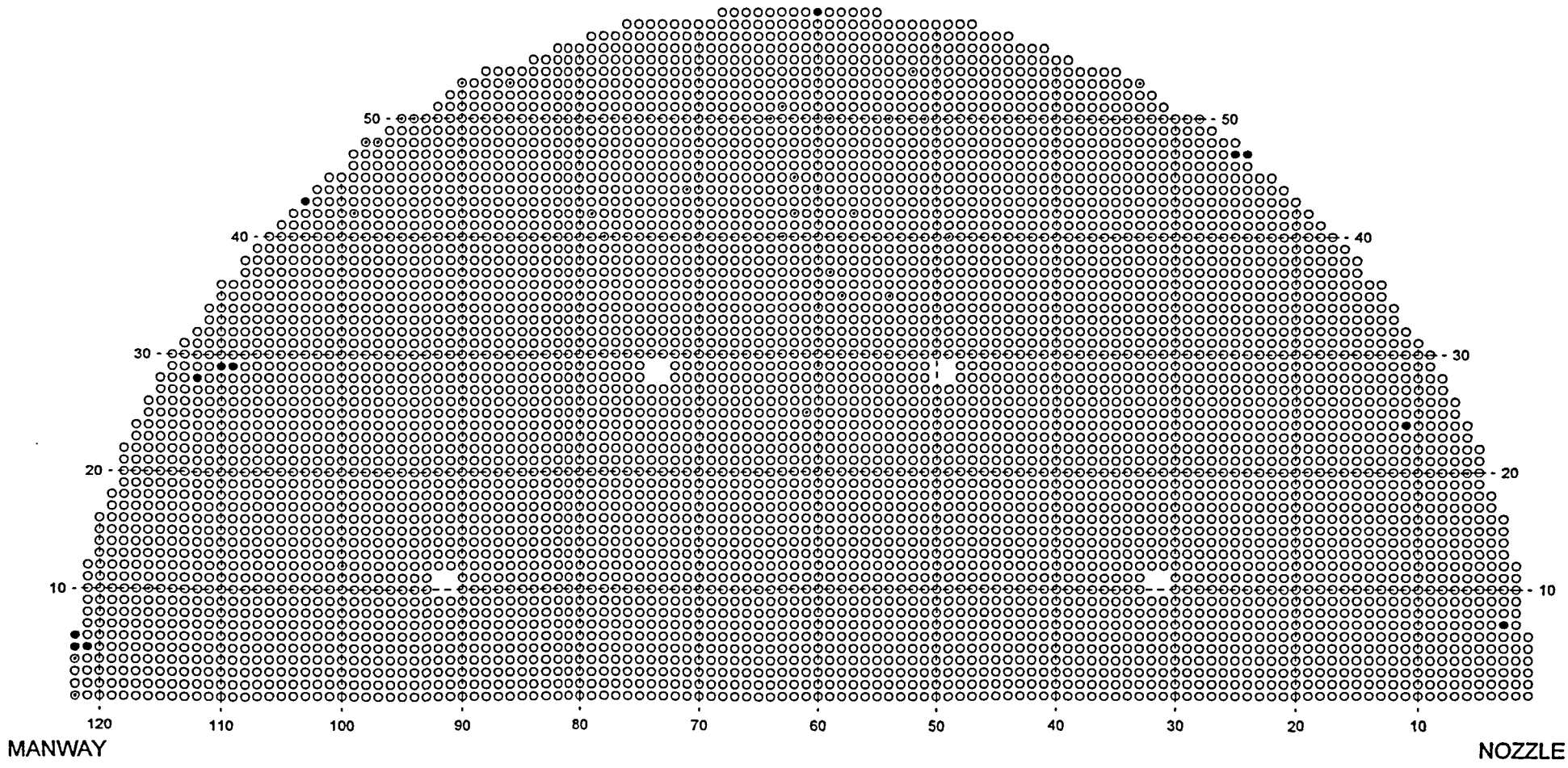
FANP - FDMS map module Version 3.2

GROUP	'ND/TUBES
SVI Indications	15/12

S/G A
HOT
PRIMARY FACE

TOTAL TUBES: 5626
SELECTED TUBES: 12
OUT OF SERVICE (#): 36

SCALE: 0.083214 X
Tue Dec 13 23:54:41 2005
Millstone Unit 3: S/G A HOT
W - f series



RPC SVI Indications

QUERY: SVI Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
5	121	0.08	69	4	SVI		TSH	+1.10	TSH	TSH	LAR		32	HOT	560PP
5	122	0.19	99	4	SVI		TSH	+0.54	TSH	TSH	LAR		32	HOT	560PP
		0.56	75	4	SVI		TSH	+1.01	TSH	TSH	LAR		32	HOT	560PP
		0.26	81	4	SVI		TSH	+1.66	TSH	TSH	LAR		32	HOT	560PP
6	122	0.25	80	4	SVI		TSH	+4.07	TSH	TSH	LAR		32	HOT	560PP
7	3	0.16	97	4	SVI		TSC	+0.10	TSC	TSC	LAR		52	COLD	560PP
24	11	0.18	84	4	SVI		TSH	+0.12	TSH	TSH	LAR		31	HOT	560PP
28	112	1.93	85	4	SVI		01H	+0.52	01H	01H	LAR		32	HOT	560PP
29	109	0.10	74	4	SVI		TSC	+0.08	TSC	TSC	LAR		52	COLD	560PP
29	110	0.10	88	4	SVI		TSC	+0.06	TSC	TSC	LAR		52	COLD	560PP
		0.10	92	4	SVI		TSC	+0.11	TSC	TSC	LAR		52	COLD	560PP
43	103	0.07	112	4	SVI		TSC	+0.77	TSC	TSC	LAR		52	COLD	560PP
47	24	0.24	81	4	SVI		01C	+0.97	01C	01C	LAR		53	COLD	560PP
47	25	0.25	87	4	SVI		01C	+1.07	01C	01C	LAR		52	COLD	560PP
59	60	0.19	103	4	SVI		08H	-1.67	08H	08H	LAR	93	34	HOT	560PP

Total Tubes : 12
Total Records: 15

Millstone Unit 3
10/05 - 3R10

SVI Indications

FANP - FDMS map module Version 3.2

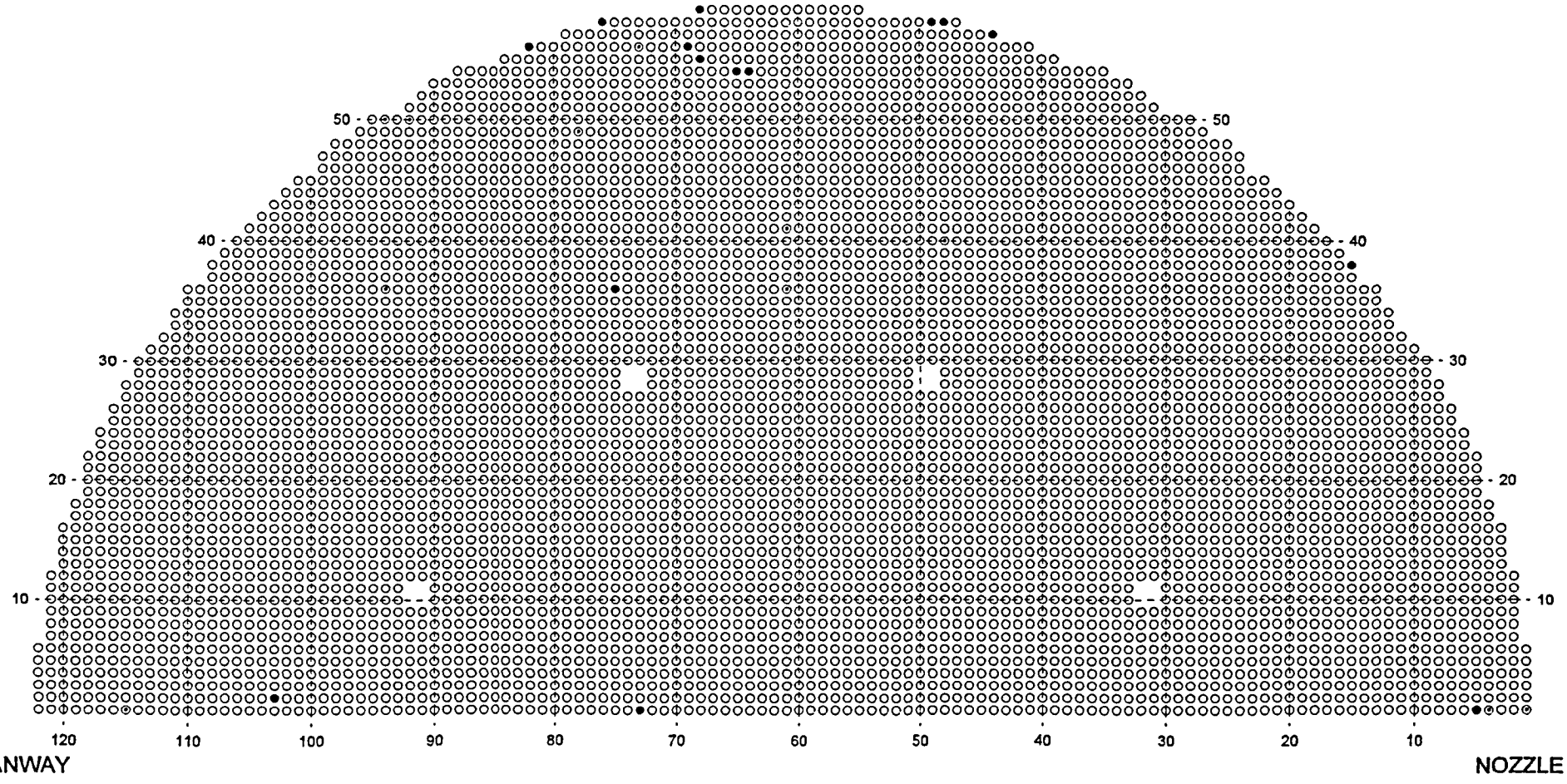
GROUP	IND/TUBES
SVI Indications	17/15

S/G C
HOT
PRIMARY FACE

TOTAL TUBES: 5626
SELECTED TUBES: 15
OUT OF SERVICE (#): 11

SCALE: 0.083214 X
Wed Dec 14 02:20:05 2005

Millstone Unit 3: S/G C HOT W - f series



RPC SVI Indications

QUERY: SVI Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
1	5	0.17	94	4	SVI		TSC	+3.18	TSC	01C	LAR		51	COLD	560PP
1	73	0.06	65	4	SVI		TSC	+19.12	TSC	TSC	LAR		51	COLD	560PP
2	103	0.09	105	4	SVI		02C	-6.67	02C	02C	LAR		52	COLD	560PP
36	75	0.15	90	4	SVI		08C	-1.01	08C	08C	LAR		52	COLD	560PP
38	15	0.16	141	4	SVI		TSC	+0.37	TSC	01C	LAR		51	COLD	560PP
54	64	0.18	86	4	SVI		TSH	+0.10	TSH	TSH	LAR		11	HOT	560PP
54	65	0.53	84	4	SVI		TSH	+0.13	TSH	TSH	LAR		32	HOT	560PP
55	68	0.13	67	4	SVI		TSH	+0.66	TSH	TSH	LAR		32	HOT	560PP
56	69	0.30	82	P2	SVI		TSH	+0.04	TSH	TSH	LAR		11	HOT	560PP
56	82	0.07	76	4	SVI		TSC	+0.50	TSC	TSC	LAR		51	COLD	560PP
		0.05	85	4	SVI		TSC	+0.52	TSC	TSC	LAR		51	COLD	560PP
57	44	0.11	147	4	SVI		TSH	+0.49	TSH	TSH	LAR		33	HOT	560PP
58	48	0.07	95	4	SVI		TSH	+0.53	TSH	TSH	LAR		11	HOT	560PP
58	49	0.06	67	4	SVI		TSH	+0.49	TSH	TSH	LAR		32	HOT	560PP
		0.09	139	P2	SVI		TSC	+0.43	TSC	TSC	LAR		51	COLD	560PP
58	76	0.11	120	4	SVI		TSH	+0.41	TSH	TSH	LAR		32	HOT	560PP
59	68	0.09	84	4	SVI		TSH	+0.53	TSH	TSH	LAR		32	HOT	560PP

Total Tubes : 15
Total Records: 17

ATTACHMENT 5

TUBE SHEET MAP AND LISTING

% TW AVB INDICATIONS

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3

Millstone Unit 3
10/05 - 3R10

%TW (Bobbin Wear) Indications

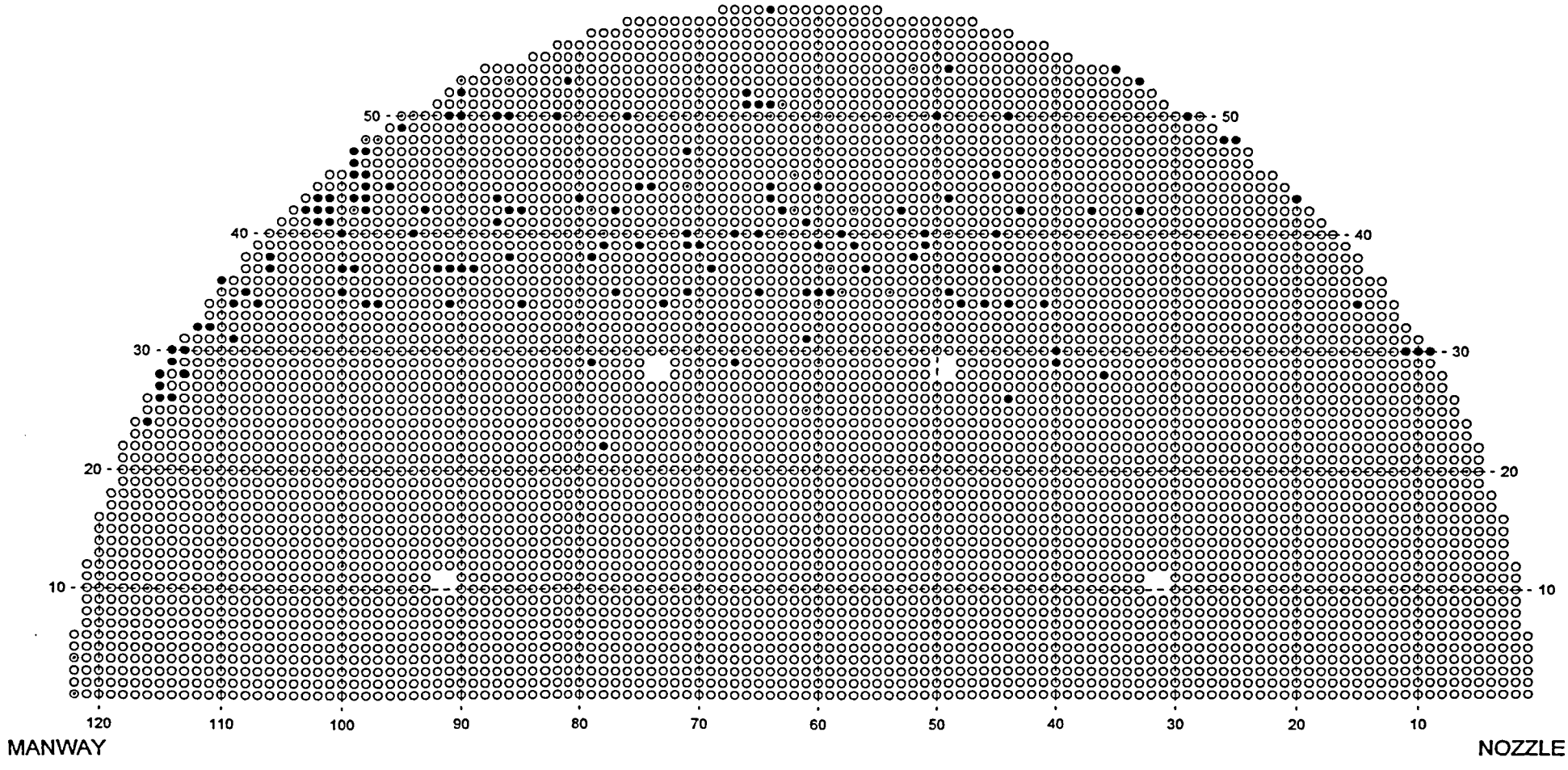
FANP - FDMS map module Version 3.2

GROUP	'ND/TUBES
TWD Indications	259/135

S/G A
HOT
PRIMARY FACE

TOTAL TUBES: 5626
SELECTED TUBES: 135
OUT OF SERVICE (#): 36

SCALE: 0.083214 X
Tue Dec 13 23:50:39 2005
Millstone Unit 3: S/G A HOT W - f series



Bobbin TWD (%TW) Indications

QUERY: TWD Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
22	78	0.54	25	P2	TWD	16	AV5	+0.00	TEH	TEC			35	COLD	560UL
		0.47	136	P2	TWD	14	AV6	+0.00	TEH	TEC			35	COLD	560UL
24	116	0.50	40	P2	TWD	12	AV5	+0.31	TEH	TEC			16	COLD	560UL
26	44	0.49	149	P2	TWD	13	AV2	+0.09	TEH	TEC			34	COLD	560UL
		0.56	42	P2	TWD	15	AV5	+0.05	TEH	TEC			34	COLD	560UL
26	114	0.33	85	P2	TWD	11	AV5	+0.00	TEH	TEC			11	COLD	560UL
26	115	1.06	51	P2	TWD	26	AV1	+0.00	TEH	TEC			11	COLD	560UL
27	115	0.65	75	P2	TWD	15	AV1	-0.32	TEH	TEC			12	COLD	560UL
28	36	0.41	99	P2	TWD	12	AV5	-0.18	TEH	TEC			39	COLD	560UL
28	113	0.35	147	P2	TWD	11	AV5	+0.07	TEH	TEC			11	COLD	560UL
28	115	1.57	93	P2	TWD	29	AV1	-0.18	TEH	TEC			12	COLD	560UL
29	40	0.45	58	P2	TWD	15	AV2	+0.00	TEH	TEC			33	COLD	560UL
29	67	0.68	0	P2	TWD	15	AV2	+0.09	TEH	TEC			6	COLD	560UL
		0.48	0	P2	TWD	11	AV5	-0.12	TEH	TEC			6	COLD	560UL
29	79	0.40	122	P2	TWD	10	AV5	-0.04	TEH	TEC			2	COLD	560UL
29	114	0.40	55	P2	TWD	13	AV5	+0.00	TEH	TEC			11	COLD	560UL
		0.48	28	P2	TWD	15	AV2	+0.00	TEH	TEC			11	COLD	560UL
30	9	1.48	57	P2	TWD	29	AV5	+0.00	TEH	TEC			38	COLD	560UL
30	10	0.65	85	P2	TWD	16	AV5	+0.02	TEH	TEC			38	COLD	560UL
30	11	0.38	149	P2	TWD	10	AV5	+0.00	TEH	TEC			38	COLD	560UL
30	40	0.43	63	P2	TWD	12	AV2	+0.00	TEH	TEC			34	COLD	560UL
30	113	1.16	65	P2	TWD	27	AV5	+0.00	TEH	TEC			11	COLD	560UL
30	114	0.42	52	P2	TWD	10	AV1	+0.02	TEH	TEC			12	COLD	560UL
31	61	0.47	0	P2	TWD	11	AV3	+0.00	TEH	TEC			6	COLD	560UL
31	109	0.52	72	P2	TWD	16	AV2	-0.07	TEH	TEC			11	COLD	560UL
32	111	0.81	58	P2	TWD	18	AV4	-0.07	TEH	TEC			12	COLD	560UL
		0.79	112	P2	TWD	17	AV5	+0.16	TEH	TEC			12	COLD	560UL
32	112	0.33	85	P2	TWD	11	AV1	-0.02	TEH	TEC			11	COLD	560UL
34	15	0.43	138	P2	TWD	11	AV6	+0.00	TEH	TEC			38	COLD	560UL
34	41	0.59	31	P2	TWD	15	AV3	-0.07	TEH	TEC			34	COLD	560UL
		0.47	91	P2	TWD	13	AV4	-0.02	TEH	TEC			34	COLD	560UL
34	44	0.29	154	P2	TWD	8	AV3	+0.18	TEH	TEC			34	COLD	560UL
34	46	0.46	75	P2	TWD	12	AV3	+0.14	TEH	TEC			34	COLD	560UL
		0.39	142	P2	TWD	11	AV4	-0.07	TEH	TEC			34	COLD	560UL
		1.50	105	P2	TWD	30	AV5	+0.05	TEH	TEC			34	COLD	560UL
		1.68	99	P2	TWD	32	AV6	-0.18	TEH	TEC			34	COLD	560UL
34	48	0.62	105	P2	TWD	19	AV1	-0.09	TEH	TEC			33	COLD	560UL
		0.71	60	P2	TWD	21	AV2	+0.00	TEH	TEC			33	COLD	560UL
		1.27	68	P2	TWD	30	AV3	-0.07	TEH	TEC			33	COLD	560UL
34	73	1.45	0	P2	TWD	30	AV4	-0.09	TEH	TEC			4	COLD	560UL
		1.96	0	P2	TWD	35	AV5	-0.30	TEH	TEC			4	COLD	560UL
34	85	0.56	120	P2	TWD	17	AV5	-0.00	TEH	TEC			7	COLD	560UL
34	91	0.55	0	P2	TWD	13	AV2	+0.02	TEH	TEC			8	COLD	560UL
		0.54	0	P2	TWD	13	AV4	+0.00	TEH	TEC			8	COLD	560UL
34	97	0.40	109	P2	TWD	10	AV3	+0.09	TEH	TEC			10	COLD	560UL
34	98	0.85	0	P2	TWD	18	AV4	+0.07	TEH	TEC			10	COLD	560UL
34	107	0.67	0	P2	TWD	15	AV4	+0.00	TEH	TEC			10	COLD	560UL
34	109	1.18	41	P2	TWD	24	AV4	+0.05	TEH	TEC			12	COLD	560UL
35	49	0.61	0	P2	TWD	15	AV5	-0.27	TEH	TEC			20	COLD	560UL
35	59	1.22	90	P2	TWD	29	AV2	+0.00	TEH	TEC			17	COLD	560UL
		0.39	63	P2	TWD	13	AV3	+0.00	TEH	TEC			17	COLD	560UL
		0.28	132	P2	TWD	10	AV4	+0.00	TEH	TEC			17	COLD	560UL
		0.66	61	P2	TWD	20	AV6	+0.00	TEH	TEC			17	COLD	560UL
35	60	1.07	62	P2	TWD	27	AV4	+0.00	TEH	TEC			17	COLD	560UL
		0.63	94	P2	TWD	19	AV5	+0.00	TEH	TEC			17	COLD	560UL
		0.28	108	P2	TWD	10	AV6	+0.00	TEH	TEC			17	COLD	560UL
35	61	0.50	0	P2	TWD	11	AV2	+0.02	TEH	TEC			6	COLD	560UL
		0.50	0	P2	TWD	11	AV4	+0.02	TEH	TEC			6	COLD	560UL
35	65	0.54	0	P2	TWD	12	AV2	+0.14	TEH	TEC			6	COLD	560UL
		0.54	0	P2	TWD	12	AV3	+0.16	TEH	TEC			6	COLD	560UL
		0.55	0	P2	TWD	12	AV4	-0.02	TEH	TEC			6	COLD	560UL
		0.65	0	P2	TWD	14	AV5	-0.02	TEH	TEC			6	COLD	560UL
35	71	0.91	0	P2	TWD	22	AV4	-0.05	TEH	TEC			4	COLD	560UL
		0.45	0	P2	TWD	13	AV5	-0.11	TEH	TEC			4	COLD	560UL
		0.40	0	P2	TWD	12	AV6	-0.02	TEH	TEC			4	COLD	560UL
35	77	0.45	0	P2	TWD	14	AV2	-0.02	TEH	TEC			1	COLD	560UL
		0.79	0	P2	TWD	21	AV3	-0.07	TEH	TEC			1	COLD	560UL
		0.58	0	P2	TWD	17	AV4	+0.09	TEH	TEC			1	COLD	560UL
35	100	0.46	105	P2	TWD	14	AV3	-0.07	TEH	TEC			9	COLD	560UL
35	108	0.42	68	P2	TWD	10	AV2	-0.05	TEH	TEC			12	COLD	560UL
		0.49	92	P2	TWD	12	AV3	+0.00	TEH	TEC			12	COLD	560UL
36	110	0.33	126	P2	TWD	11	AV3	-0.14	TEH	TEC			11	COLD	560UL
37	45	1.48	0	P2	TWD	28	AV2	+0.00	TEH	TEC			20	COLD	560UL
		0.56	0	P2	TWD	14	AV3	+0.11	TEH	TEC			20	COLD	560UL
		0.67	0	P2	TWD	16	AV5	-0.14	TEH	TEC			20	COLD	560UL
37	56	0.63	0	P2	TWD	16	AV3	+0.00	TEH	TEC			18	COLD	560UL
		0.55	0	P2	TWD	14	AV4	+0.02	TEH	TEC			18	COLD	560UL
37	69	0.67	0	P2	TWD	18	AV5	-0.07	TEH	TEC			3	COLD	560UL
		0.67	0	P2	TWD	18	AV6	-0.11	TEH	TEC			3	COLD	560UL
37	89	0.29	108	P2	TWD	9	AV3	+0.20	TEH	TEC			7	COLD	560UL

Bobbin TWD (%TW) Indications

QUERY: TWD Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
37	90	1.03	87	P2	TWD	25	AV3	+0.11	TEH	TEC			7	COLD	560UL
		0.54	73	P2	TWD	16	AV4	+0.00	TEH	TEC			7	COLD	560UL
		0.47	30	P2	TWD	14	AV5	+0.00	TEH	TEC			7	COLD	560UL
37	91	0.71	38	P2	TWD	19	AV3	+0.07	TEH	TEC			7	COLD	560UL
		0.55	48	P2	TWD	16	AV4	-0.05	TEH	TEC			7	COLD	560UL
		1.29	72	P2	TWD	29	AV5	-0.11	TEH	TEC			7	COLD	560UL
		0.78	52	P2	TWD	21	AV6	-0.02	TEH	TEC			7	COLD	560UL
37	92	0.50	43	P2	TWD	15	AV5	+0.00	TEH	TEC			7	COLD	560UL
37	99	0.46	50	P2	TWD	14	AV3	+0.07	TEH	TEC			9	COLD	560UL
37	100	0.65	38	P2	TWD	19	AV3	+0.05	TEH	TEC			9	COLD	560UL
		0.70	121	P2	TWD	19	AV5	-0.11	TEH	TEC			9	COLD	560UL
		0.41	48	P2	TWD	13	AV4	-0.05	TEH	TEC			9	COLD	560UL
37	106	1.12	80	P2	TWD	23	AV4	+0.00	TEH	TEC			10	COLD	560UL
		0.95	121	P2	TWD	20	AV5	+0.00	TEH	TEC			10	COLD	560UL
38	52	0.73	51	P2	TWD	21	AV2	+0.25	TEH	TEC			17	COLD	560UL
38	79	0.42	0	P2	TWD	13	AV6	+0.00	TEH	TEC			1	COLD	560UL
38	86	0.48	99	P2	TWD	11	AV5	+0.00	TEH	TEC			8	COLD	560UL
38	106	1.01	61	P2	TWD	25	AV3	-0.07	TEH	TEC			9	COLD	560UL
		0.81	68	P2	TWD	22	AV4	-0.11	TEH	TEC			9	COLD	560UL
		0.78	59	P2	TWD	21	AV5	-0.11	TEH	TEC			9	COLD	560UL
39	51	0.57	0	P2	TWD	15	AV3	+0.00	TEH	TEC			18	COLD	560UL
		0.41	0	P2	TWD	11	AV4	-0.09	TEH	TEC			18	COLD	560UL
39	57	0.39	0	P2	TWD	11	AV1	+0.09	TEH	TEC			18	COLD	560UL
		1.35	0	P2	TWD	28	AV2	+0.00	TEH	TEC			18	COLD	560UL
		0.52	0	P2	TWD	14	AV3	+0.02	TEH	TEC			18	COLD	560UL
		0.61	0	P2	TWD	16	AV4	-0.09	TEH	TEC			18	COLD	560UL
39	60	0.88	0	P2	TWD	21	AV4	+0.00	TEH	TEC			18	COLD	560UL
39	70	0.39	0	P2	TWD	11	AV2	+0.02	TEH	TEC			4	COLD	560UL
		0.58	0	P2	TWD	16	AV3	+0.05	TEH	TEC			4	COLD	560UL
39	71	0.80	0	P2	TWD	20	AV4	-0.07	TEH	TEC			4	COLD	560UL
		0.80	0	P2	TWD	19	AV5	-0.18	TEH	TEC			4	COLD	560UL
39	75	0.55	0	P2	TWD	17	AV5	-0.11	TEH	TEC			1	COLD	560UL
		0.49	0	P2	TWD	15	AV6	-0.09	TEH	TEC			1	COLD	560UL
		0.39	0	P2	TWD	13	AV3	-0.09	TEH	TEC			1	COLD	560UL
39	78	0.52	0	P2	TWD	16	AV3	+0.00	TEH	TEC			1	COLD	560UL
40	45	0.48	75	P2	TWD	14	AV3	+0.09	TEH	TEC			19	COLD	560UL
		0.97	69	P2	TWD	24	AV4	+0.02	TEH	TEC			19	COLD	560UL
		0.64	108	P2	TWD	18	AV5	-0.16	TEH	TEC			19	COLD	560UL
40	51	0.67	56	P2	TWD	20	AV4	+0.16	TEH	TEC			17	COLD	560UL
		1.33	63	P2	TWD	31	AV5	+0.00	TEH	TEC			17	COLD	560UL
40	58	0.47	59	P2	TWD	16	AV2	-0.25	TEH	TEC			17	COLD	560UL
		0.49	41	P2	TWD	16	AV3	-0.18	TEH	TEC			17	COLD	560UL
40	65	0.69	0	P2	TWD	19	AV2	+0.02	TEH	TEC			5	COLD	560UL
		0.36	0	P2	TWD	11	AV3	+0.00	TEH	TEC			5	COLD	560UL
		0.87	0	P2	TWD	22	AV5	-0.02	TEH	TEC			5	COLD	560UL
		2.03	0	P2	TWD	36	AV4	+0.00	TEH	TEC			5	COLD	560UL
40	67	0.41	0	P2	TWD	12	AV3	+0.00	TEH	TEC			5	COLD	560UL
40	71	0.78	0	P2	TWD	20	AV2	+0.05	TEH	TEC			3	COLD	560UL
		0.85	0	P2	TWD	21	AV3	-0.18	TEH	TEC			3	COLD	560UL
		1.32	0	P2	TWD	28	AV4	-0.23	TEH	TEC			3	COLD	560UL
40	94	1.25	0	P2	TWD	24	AV5	+0.00	TEH	TEC			10	COLD	560UL
40	100	0.65	0	P2	TWD	15	AV3	+0.02	TEH	TEC			10	COLD	560UL
41	61	0.74	0	P2	TWD	16	AV3	+0.00	TEH	TEC			6	COLD	560UL
		0.98	0	P2	TWD	20	AV4	+0.00	TEH	TEC			6	COLD	560UL
41	87	0.81	0	P2	TWD	18	AV4	-0.02	TEH	TEC			8	COLD	560UL
41	101	0.50	49	P2	TWD	15	AV4	+0.11	TEH	TEC			9	COLD	560UL
41	102	1.72	0	P2	TWD	30	AV4	+0.00	TEH	TEC			10	COLD	560UL
		0.85	0	P2	TWD	18	AV5	+0.00	TEH	TEC			10	COLD	560UL
42	33	0.86	94	P2	TWD	19	AV3	+0.05	TEH	TEC			40	COLD	560UL
		0.60	49	P2	TWD	14	AV4	+0.00	TEH	TEC			40	COLD	560UL
42	37	0.36	28	P2	TWD	9	AV2	+0.02	TEH	TEC			40	COLD	560UL
42	43	0.52	36	P2	TWD	15	AV3	+0.02	TEH	TEC			19	COLD	560UL
		0.53	64	P2	TWD	15	AV2	+0.05	TEH	TEC			19	COLD	560UL
42	53	0.43	0	P2	TWD	12	AV3	+0.00	TEH	TEC			18	COLD	560UL
		0.88	0	P2	TWD	21	AV4	-0.02	TEH	TEC			18	COLD	560UL
		0.44	0	P2	TWD	12	AV5	-0.14	TEH	TEC			18	COLD	560UL
42	63	1.02	0	P2	TWD	21	AV3	+0.16	TEH	TEC			6	COLD	560UL
		0.62	0	P2	TWD	14	AV4	+0.05	TEH	TEC			6	COLD	560UL
		0.51	0	P2	TWD	12	AV5	+0.07	TEH	TEC			6	COLD	560UL
42	77	0.41	0	P2	TWD	13	AV2	-0.14	TEH	TEC			1	COLD	560UL
		0.44	0	P2	TWD	14	AV3	+0.02	TEH	TEC			1	COLD	560UL
		1.01	0	P2	TWD	25	AV4	+0.02	TEH	TEC			1	COLD	560UL
42	85	0.51	58	P2	TWD	15	AV4	+0.00	TEH	TEC			7	COLD	560UL
42	86	0.55	0	P2	TWD	13	AV2	+0.00	TEH	TEC			8	COLD	560UL
		0.50	0	P2	TWD	12	AV3	+0.00	TEH	TEC			8	COLD	560UL
		0.65	0	P2	TWD	15	AV4	+0.00	TEH	TEC			8	COLD	560UL
42	93	0.62	0	P2	TWD	14	AV3	+0.02	TEH	TEC			8	COLD	560UL
		1.07	0	P2	TWD	22	AV4	+0.07	TEH	TEC			8	COLD	560UL
		1.12	70	P2	TWD	23	AV5	+0.00	TEH	TEC			8	COLD	560UL
42	98	1.87	0	P2	TWD	32	AV3	+0.05	TEH	TEC			10	COLD	560UL

Bobbin TWD (%TW) Indications

QUERY: TWD Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		1.92	0	P2	TWD	32	AV4	+0.05	TEH	TEC			10	COLD	560UL
		0.60	0	P2	TWD	14	AV1	+0.05	TEH	TEC			10	COLD	560UL
42	101	1.15	0	P2	TWD	23	AV2	+0.00	TEH	TEC			10	COLD	560UL
		0.83	0	P2	TWD	18	AV3	+0.00	TEH	TEC			10	COLD	560UL
		1.55	0	P2	TWD	28	AV4	+0.00	TEH	TEC			10	COLD	560UL
		1.73	0	P2	TWD	30	AV5	+0.00	TEH	TEC			10	COLD	560UL
42	102	0.98	106	P2	TWD	25	AV3	-0.02	TEH	TEC			9	COLD	560UL
		2.02	71	P2	TWD	36	AV4	+0.07	TEH	TEC			9	COLD	560UL
		1.41	58	P2	TWD	30	AV5	+0.00	TEH	TEC			9	COLD	560UL
42	103	0.64	0	P2	TWD	14	AV3	+0.00	TEH	TEC			10	COLD	560UL
		0.60	0	P2	TWD	14	AV4	+0.00	TEH	TEC			10	COLD	560UL
43	20	0.43	155	P2	TWD	13	AV6	-0.02	TEH	TEC			37	COLD	560UL
43	49	0.45	0	P2	TWD	11	AV2	+0.02	TEH	TEC			20	COLD	560UL
		0.36	0	P2	TWD	9	AV3	+0.11	TEH	TEC			20	COLD	560UL
43	64	0.40	0	P2	TWD	9	AV3	+0.00	TEH	TEC			6	COLD	560UL
		0.59	0	P2	TWD	13	AV4	+0.00	TEH	TEC			6	COLD	560UL
		0.70	0	P2	TWD	15	AV5	+0.00	TEH	TEC			6	COLD	560UL
43	80	0.79	0	P2	TWD	21	AV3	+0.00	TEH	TEC			1	COLD	560UL
		0.78	0	P2	TWD	21	AV4	-0.09	TEH	TEC			1	COLD	560UL
		0.45	0	P2	TWD	14	AV5	-0.07	TEH	TEC			1	COLD	560UL
		0.59	0	P2	TWD	17	AV6	+0.07	TEH	TEC			1	COLD	560UL
43	87	0.93	0	P2	TWD	20	AV2	+0.11	TEH	TEC			8	COLD	560UL
		0.42	0	P2	TWD	10	AV3	-0.02	TEH	TEC			8	COLD	560UL
		1.06	0	P2	TWD	22	AV4	-0.05	TEH	TEC			8	COLD	560UL
		1.12	0	P2	TWD	23	AV5	-0.02	TEH	TEC			8	COLD	560UL
43	98	0.71	116	P2	TWD	20	AV4	+0.09	TEH	TEC			9	COLD	560UL
		0.54	123	P2	TWD	16	AV5	-0.16	TEH	TEC			9	COLD	560UL
43	99	1.04	0	P2	TWD	21	AV4	+0.00	TEH	TEC			10	COLD	560UL
43	101	0.89	86	P2	TWD	23	AV5	+0.00	TEH	TEC			9	COLD	560UL
		0.44	65	P2	TWD	14	AV3	-0.02	TEH	TEC			9	COLD	560UL
		0.88	103	P2	TWD	23	AV4	+0.07	TEH	TEC			9	COLD	560UL
43	102	1.18	0	P2	TWD	23	AV4	+0.00	TEH	TEC			10	COLD	560UL
		1.14	0	P2	TWD	23	AV5	+0.00	TEH	TEC			10	COLD	560UL
44	60	1.35	69	P2	TWD	31	AV3	-0.25	TEH	TEC			17	COLD	560UL
		1.60	63	P2	TWD	34	AV4	+0.00	TEH	TEC			17	COLD	560UL
		0.42	74	P2	TWD	14	AV5	+0.00	TEH	TEC			17	COLD	560UL
		2.79	69	P2	TWD	42	AV2	+0.00	TEH	TEC	LAR		17	COLD	560UL
44	64	1.25	0	P2	TWD	28	AV2	+0.09	TEH	TEC			5	COLD	560UL
		0.63	0	P2	TWD	17	AV3	-0.16	TEH	TEC			5	COLD	560UL
44	74	0.62	0	P2	TWD	17	AV4	+0.00	TEH	TEC			3	COLD	560UL
		0.97	0	P2	TWD	23	AV5	+0.09	TEH	TEC			3	COLD	560UL
		0.86	0	P2	TWD	21	AV6	+0.05	TEH	TEC			3	COLD	560UL
44	75	0.52	110	P2	TWD	13	AV3	+0.02	TEH	TEC			2	COLD	560UL
44	96	0.88	0	P2	TWD	19	AV2	+0.00	TEH	TEC			10	COLD	560UL
		0.94	0	P2	TWD	20	AV4	+0.00	TEH	TEC			10	COLD	560UL
		0.79	0	P2	TWD	17	AV5	+0.00	TEH	TEC			10	COLD	560UL
44	98	0.73	0	P2	TWD	16	AV1	+0.00	TEH	TEC			10	COLD	560UL
		1.27	0	P2	TWD	25	AV2	+0.00	TEH	TEC			10	COLD	560UL
		0.98	0	P2	TWD	20	AV4	+0.00	TEH	TEC			10	COLD	560UL
45	45	0.27	0	P2	TWD	7	AV3	-0.09	TEH	TEC			20	COLD	560UL
45	98	1.06	89	P2	TWD	26	AV4	+0.11	TEH	TEC			9	COLD	560UL
45	99	1.00	0	P2	TWD	21	AV4	+0.00	TEH	TEC			10	COLD	560UL
		0.88	0	P2	TWD	19	AV5	+0.00	TEH	TEC			10	COLD	560UL
46	99	0.36	43	P2	TWD	12	AV2	+0.16	TEH	TEC			9	COLD	560UL
		0.46	26	P2	TWD	14	AV4	-0.05	TEH	TEC			9	COLD	560UL
		0.96	75	P2	TWD	24	AV5	+0.11	TEH	TEC			9	COLD	560UL
47	71	0.36	0	P2	TWD	11	AV2	+0.11	TEH	TEC			3	COLD	560UL
47	98	0.44	70	P2	TWD	14	AV3	+0.02	TEH	TEC			9	COLD	560UL
47	99	0.63	122	P2	TWD	18	AV6	+0.00	TEH	TEC			9	COLD	560UL
48	25	0.37	44	P2	TWD	11	AV3	-0.21	TEH	TEC			37	COLD	560UL
48	26	0.45	149	P2	TWD	13	AV6	-0.18	TEH	TEC			37	COLD	560UL
49	95	0.36	126	P2	TWD	12	AV4	+0.00	TEH	TEC			9	COLD	560UL
50	29	0.48	112	P2	TWD	14	AV5	+0.07	TEH	TEC			39	COLD	560UL
50	44	1.50	69	P2	TWD	31	AV5	-0.05	TEH	TEC			19	COLD	560UL
		0.45	41	P2	TWD	13	AV4	+0.00	TEH	TEC			19	COLD	560UL
50	50	0.72	0	P2	TWD	18	AV4	-0.16	TEH	TEC			18	COLD	560UL
50	76	0.83	77	P2	TWD	19	AV2	+0.05	TEH	TEC			2	COLD	560UL
		0.59	97	P2	TWD	14	AV3	+0.00	TEH	TEC			2	COLD	560UL
50	82	0.61	52	P2	TWD	15	AV2	+0.00	TEH	TEC			2	COLD	560UL
		0.74	120	P2	TWD	17	AV3	+0.00	TEH	TEC			2	COLD	560UL
		0.66	81	P2	TWD	16	AV4	+0.00	TEH	TEC			2	COLD	560UL
50	86	0.47	98	P2	TWD	11	AV2	+0.02	TEH	TEC			8	COLD	560UL
50	87	1.22	53	P2	TWD	28	AV2	+0.05	TEH	TEC			7	COLD	560UL
		0.57	123	P2	TWD	16	AV3	-0.05	TEH	TEC			7	COLD	560UL
		0.43	126	P2	TWD	13	AV5	+0.09	TEH	TEC			7	COLD	560UL
50	90	2.18	0	P2	TWD	35	AV2	+0.00	TEH	TEC			8	COLD	560UL
		1.91	0	P2	TWD	33	AV3	+0.00	TEH	TEC			8	COLD	560UL
		0.69	0	P2	TWD	16	AV4	+0.00	TEH	TEC			8	COLD	560UL
		0.77	0	P2	TWD	17	AV5	+0.00	TEH	TEC			8	COLD	560UL
50	91	2.21	0	P2	TWD	36	AV2	+0.00	TEH	TEC			8	COLD	560UL

Bobbin TWD (%TW) Indications

QUERY: TWD Indications.qry

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		1.65	0	P2	TWD	30	AV3	+0.00	TEH	TEC			8	COLD	560UL
		0.80	0	P2	TWD	18	AV4	+0.00	TEH	TEC			8	COLD	560UL
		0.67	0	P2	TWD	15	AV5	+0.00	TEH	TEC			8	COLD	560UL
51	64	0.42	0	P2	TWD	13	AV3	+0.11	TEH	TEC			5	COLD	560UL
51	65	0.65	0	P2	TWD	14	AV5	-0.05	TEH	TEC			6	COLD	560UL
51	66	0.41	0	P2	TWD	10	AV2	+0.14	TEH	TEC			6	COLD	560UL
		0.42	0	P2	TWD	10	AV3	+0.21	TEH	TEC			6	COLD	560UL
52	66	1.18	0	P2	TWD	27	AV4	+0.07	TEH	TEC			5	COLD	560UL
52	90	0.53	0	P2	TWD	12	AV3	+0.00	TEH	TEC			8	COLD	560UL
		0.52	107	P2	TWD	12	AV4	+0.02	TEH	TEC			8	COLD	560UL
53	33	0.61	135	P2	TWD	16	AV6	-0.02	TEH	TEC			39	COLD	560UL
		0.90	69	P2	TWD	22	AV4	+0.02	TEH	TEC			39	COLD	560UL
		2.25	70	P2	TWD	37	AV5	-0.07	TEH	TEC	LAR		39	COLD	560UL
53	81	0.47	151	P2	TWD	12	AV1	+0.00	TEH	TEC			2	COLD	560UL
		1.32	70	P2	TWD	26	AV3	+0.00	TEH	TEC			2	COLD	560UL
54	35	1.01	61	P2	TWD	24	AV5	+0.00	TEH	TEC			39	COLD	560UL
54	49	0.59	0	P2	TWD	15	AV2	+0.02	TEH	TEC			18	COLD	560UL
		0.52	128	P2	TWD	14	AV3	+0.21	TEH	TEC			18	COLD	560UL
59	64	0.54	0	P2	TWD	12	AV6	+0.21	TEH	TEC			6	COLD	560UL

Total Tubes : 135
Total Records: 259

Millstone Unit 3
10/05 - 3R10

%TW (Bobbin Wear) Indications

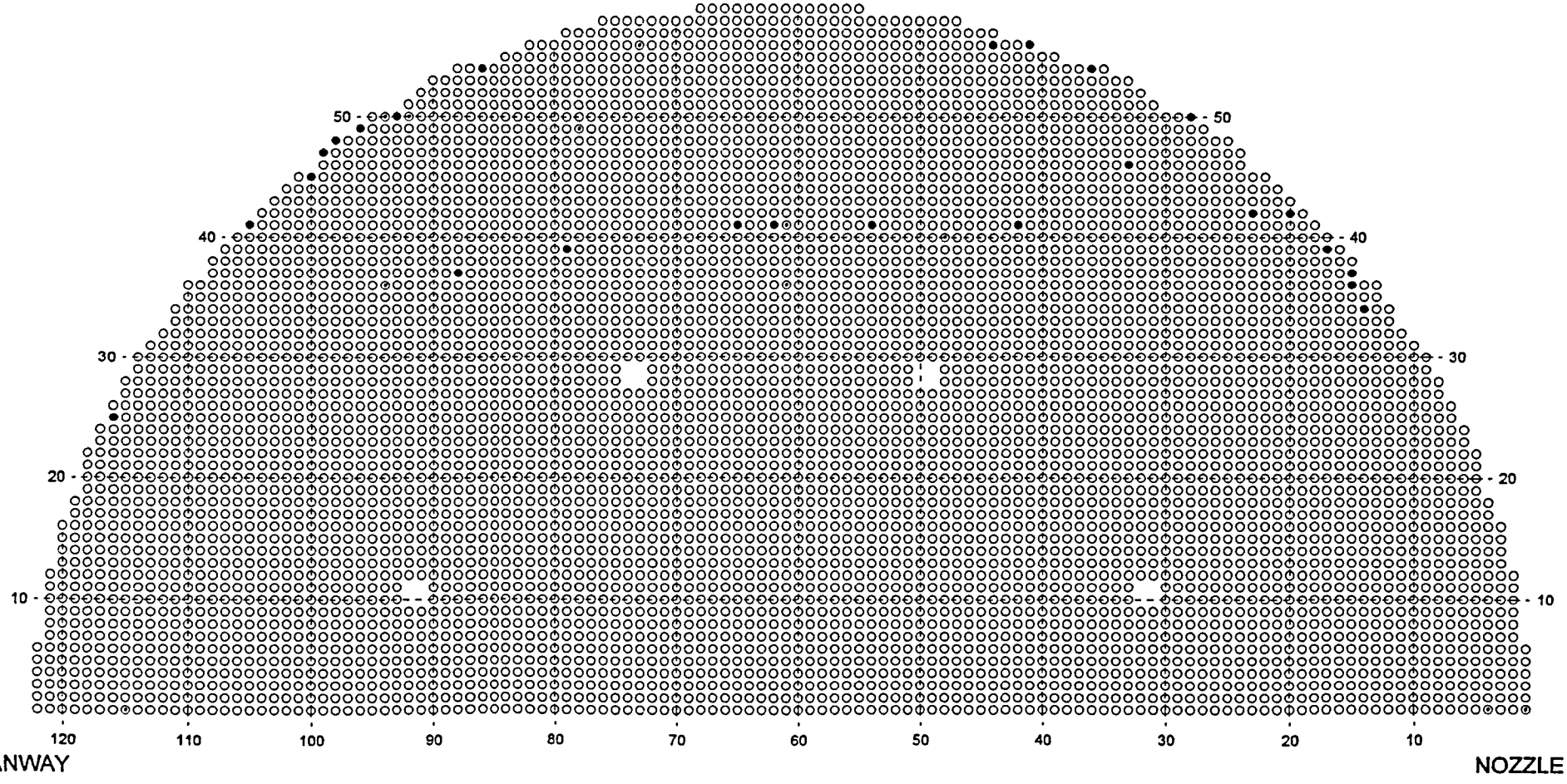
FANP - FDMS map module Version 3.2

GROUP	IND/TUBES
TWD Indications	59/25

S/G C
HOT
PRIMARY FACE

TOTAL TUBES: 5626
SELECTED TUBES: 25
OUT OF SERVICE (#): 11

SCALE: 0.083214 X
Wed Dec 14 02:18:01 2005
Millstone Unit 3: S/G C HOT
W - f series



Bobbin TWD (%TW) Indications

QUERY: TWD Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
25	116	0.73	0	P2	TWD	17	AV6	+0.00	TEH	TEC			26	COLD	560UL
34	14	0.45	0	P2	TWD	12	AV2	-0.25	TEH	TEC			16	COLD	560UL
		0.52	0	P2	TWD	13	AV5	-0.16	TEH	TEC			16	COLD	560UL
36	15	0.45	0	P2	TWD	12	AV5	-0.09	TEH	TEC			16	COLD	560UL
		0.58	0	P2	TWD	15	AV6	+0.33	TEH	TEC			16	COLD	560UL
37	15	1.02	43	P2	TWD	28	AV2	-0.04	TEH	TEC			17	COLD	560UL
		0.54	40	P2	TWD	19	AV3	+0.02	TEH	TEC			17	COLD	560UL
		1.44	60	P2	TWD	33	AV5	+0.15	TEH	TEC			17	COLD	560UL
		0.50	65	P2	TWD	18	AV6	+0.17	TEH	TEC			17	COLD	560UL
		0.42	44	P2	TWD	16	AV4	-0.07	TEH	TEC			17	COLD	560UL
37	88	0.37	0	P2	TWD	11	AV3	+0.31	TEH	TEC			21	COLD	560UL
39	17	0.53	50	P2	TWD	18	AV2	+0.11	TEH	TEC			17	COLD	560UL
		0.45	56	P2	TWD	16	AV3	+0.02	TEH	TEC			17	COLD	560UL
		0.83	66	P2	TWD	25	AV4	+0.02	TEH	TEC			17	COLD	560UL
		0.83	57	P2	TWD	25	AV5	+0.07	TEH	TEC			17	COLD	560UL
		0.56	79	P2	TWD	19	AV6	+0.13	TEH	TEC			17	COLD	560UL
39	79	0.68	0	P2	TWD	21	AV3	-0.50	TEH	TEC			13	COLD	560UL
41	42	0.91	0	P2	TWD	22	AV3	-0.04	TEH	TEC			3	COLD	560UL
41	54	0.41	0	P2	TWD	11	AV1	+0.00	TEH	TEC			8	COLD	560UL
		0.87	0	P2	TWD	20	AV3	-0.45	TEH	TEC			8	COLD	560UL
		0.74	0	P2	TWD	18	AV4	-0.16	TEH	TEC			8	COLD	560UL
		1.07	0	P2	TWD	24	AV5	-0.18	TEH	TEC			8	COLD	560UL
41	62	0.95	0	P2	TWD	24	AV2	-0.18	TEH	TEC			11	COLD	560UL
		0.66	0	P2	TWD	19	AV3	+0.07	TEH	TEC			11	COLD	560UL
		0.71	0	P2	TWD	20	AV4	-0.20	TEH	TEC			11	COLD	560UL
		0.81	0	P2	TWD	22	AV4	+0.46	TEH	TEC			11	COLD	560UL
		1.69	0	P2	TWD	34	AV5	-0.15	TEH	TEC			11	COLD	560UL
		0.77	0	P2	TWD	21	AV3	+0.60	TEH	TEC			11	COLD	560UL
41	65	0.53	0	P2	TWD	16	AV4	+0.53	TEH	TEC			11	COLD	560UL
		0.72	0	P2	TWD	20	AV5	+0.00	TEH	TEC			11	COLD	560UL
41	105	0.47	0	P2	TWD	12	AV6	-0.07	TEH	TEC			24	COLD	560UL
42	20	0.63	0	P2	TWD	16	AV2	+0.02	TEH	TEC			16	COLD	560UL
		0.99	0	P2	TWD	22	AV3	-0.09	TEH	TEC			16	COLD	560UL
		1.10	0	P2	TWD	24	AV4	-0.07	TEH	TEC			16	COLD	560UL
		1.17	0	P2	TWD	25	AV5	+0.00	TEH	TEC			16	COLD	560UL
		0.67	0	P2	TWD	17	AV6	+0.07	TEH	TEC			16	COLD	560UL
42	23	0.78	0	P2	TWD	19	AV3	+0.00	TEH	TEC			16	COLD	560UL
		1.33	0	P2	TWD	27	AV5	+0.09	TEH	TEC			16	COLD	560UL
		1.44	0	P2	TWD	29	AV4	+0.04	TEH	TEC			16	COLD	560UL
45	100	0.47	0	P2	TWD	12	AV6	+0.00	TEH	TEC			24	COLD	560UL
		0.41	0	P2	TWD	11	AV5	-0.11	TEH	TEC			24	COLD	560UL
46	33	0.80	0	P2	TWD	18	AV6	+0.47	TEH	TEC			14	COLD	560UL
47	99	0.55	0	P2	TWD	14	AV6	+0.00	TEH	TEC			24	COLD	560UL
48	98	0.54	0	P2	TWD	14	AV3	+0.02	TEH	TEC			24	COLD	560UL
		0.50	0	P2	TWD	13	AV4	+0.02	TEH	TEC			24	COLD	560UL
		0.43	0	P2	TWD	11	AV6	-0.02	TEH	TEC			24	COLD	560UL
49	96	0.90	113	P2	TWD	20	AV5	+0.00	TEH	TEC			22	COLD	560UL
		1.28	70	P2	TWD	25	AV6	+0.00	TEH	TEC			22	COLD	560UL
50	28	0.76	0	P2	TWD	22	AV5	+0.04	TEH	TEC			15	COLD	560UL
50	93	0.47	132	P2	TWD	11	AV5	+0.00	TEH	TEC			22	COLD	560UL
		1.22	142	P2	TWD	25	AV6	+0.00	TEH	TEC			22	COLD	560UL
54	36	0.80	0	P2	TWD	22	AV4	+0.07	TEH	TEC			15	COLD	560UL
		0.53	0	P2	TWD	17	AV5	+0.02	TEH	TEC			15	COLD	560UL
54	86	0.44	0	P2	TWD	11	AV1	+0.00	TEH	TEC			20	COLD	560UL
56	41	0.58	0	P2	TWD	15	AV2	+0.09	TEH	TEC			3	COLD	560UL
		1.13	0	P2	TWD	25	AV5	+0.02	TEH	TEC			3	COLD	560UL
		0.63	0	P2	TWD	16	AV6	-0.02	TEH	TEC			3	COLD	560UL
		0.73	0	P2	TWD	18	AV4	-0.11	TEH	TEC			3	COLD	560UL
56	44	0.41	0	P2	TWD	13	AV4	+0.04	TEH	TEC			4	COLD	560UL

Total Tubes : 25
Total Records: 59

ATTACHMENT 6

TUBE SHEET MAP AND LISTING

VOL INDICATIONS

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3

Millstone Unit 3
10/05 - 3R10

VOL Indications

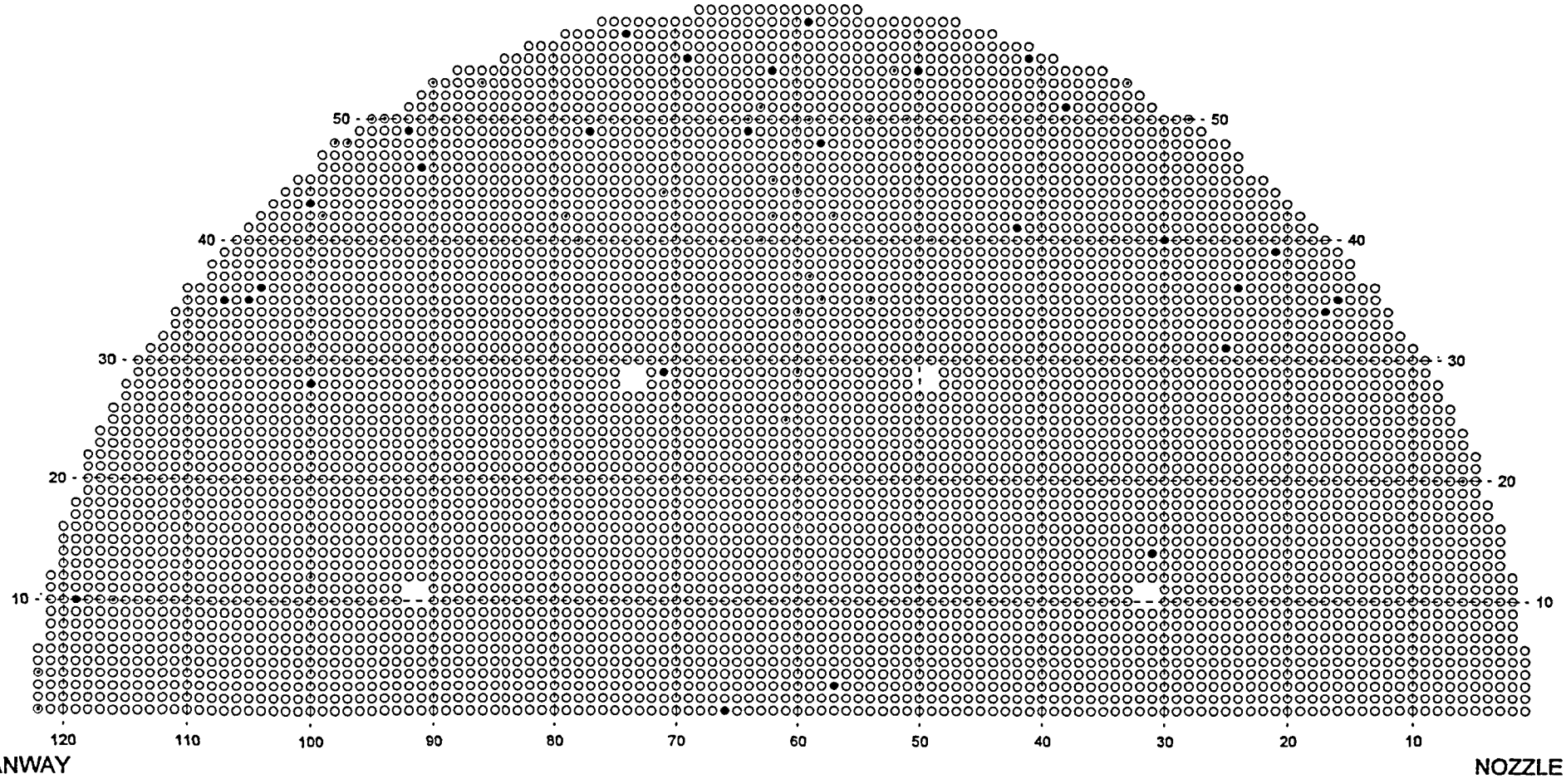
GROUP	IND/TUBES
VOL Indications	30/29

FANP - FDMS map module Version 3.2

S/G A
HOT
PRIMARY FACE

TOTAL TUBES: 5626
SELECTED TUBES: 29
OUT OF SERVICE (#): 36

SCALE: 0.083214 X
Tue Dec 13 23:49:27 2005
Millstone Unit 3: S/G A HOT
W - f series



RPC VOL Indications

QUERY: VOL Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
1	66	0.10	125	4	VOL		TSC	+3.82	TSC	TSC			52	COLD	560PP
3	57	0.14	78	3	VOL		02H	+12.44	02H	02H			31	HOT	560PP
10	119	0.60	95	3	VOL		TSH	+3.17	TSH	TSH			32	HOT	560PP
14	31	0.21	118	4	VOL		TSC	+1.13	TSC	TSC			52	COLD	560PP
28	100	0.12	103	4	VOL		01H	+8.79	01H	01H			32	HOT	560PP
29	71	0.16	140	3	VOL		01H	+0.08	01H	01H			31	HOT	560PP
31	25	0.14	101	4	VOL		07C	-17.87	07C	07C			52	COLD	560PP
34	17	0.05	72	3	VOL		TSH	+0.35	TSH	TSH			31	HOT	560PP
35	16	0.22	74	3	VOL		03H	-16.10	03H	03H			31	HOT	560PP
35	105	0.11	116	4	VOL		TSC	+3.25	TSC	TSC			52	COLD	560PP
35	107	0.15	118	4	VOL		TSC	+4.82	TSC	TSC			52	COLD	560PP
36	24	0.15	99	3	VOL		TSH	+7.41	TSH	TSH			31	HOT	560PP
36	104	0.70	126	3	VOL		01H	+9.66	01H	01H			32	HOT	560PP
39	21	0.33	94	4	VOL		TSC	+2.00	TSC	TSC			52	COLD	560PP
40	30	0.43	93	3	VOL		TSH	+1.50	TSH	TSH			6	HOT	560PP
41	42	0.48	14	3	VOL		07H	-4.27	07H	07H			31	HOT	560PP
43	100	0.14	103	4	VOL		05C	-1.41	05C	05C			52	COLD	560PP
46	91	0.14	76	4	VOL		04C	+6.64	04C	04C			52	COLD	560PP
48	58	0.11	151	3	VOL		06H	+13.02	06H	06H			31	HOT	560PP
49	64	0.05	98	4	VOL		04C	-5.83	04C	04C			52	COLD	560PP
49	77	0.31	82	4	VOL		TSH	+3.28	TSH	TSH			1	HOT	560PP
		0.13	98	4	VOL		05C	+2.12	05C	05C			52	COLD	560PP
49	92	3.20	15	3	VOL		TSH	-1.05	TSH	TSH			32	HOT	560PP
51	38	0.09	83	3	VOL		TSH	+7.81	TSH	TSH			31	HOT	560PP
54	50	0.12	108	3	VOL		TSH	+2.02	TSH	TSH			31	HOT	560PP
54	62	0.09	52	4	VOL		03C	-14.72	03C	03C			52	COLD	560PP
55	41	0.11	105	4	VOL		TSC	+4.26	TSC	TSC			52	COLD	560PP
55	69	0.09	95	3	VOL		TSH	+5.50	TSH	TSH			31	HOT	560PP
57	74	0.27	110	4	VOL		05C	+7.14	05C	05C			52	COLD	560PP
58	59	0.08	72	3	VOL		06H	-16.88	06H	06H			31	HOT	560PP

Total Tubes : 29
Total Records: 30

Millstone Unit 3
10/05 - 3R10

VOL Indications

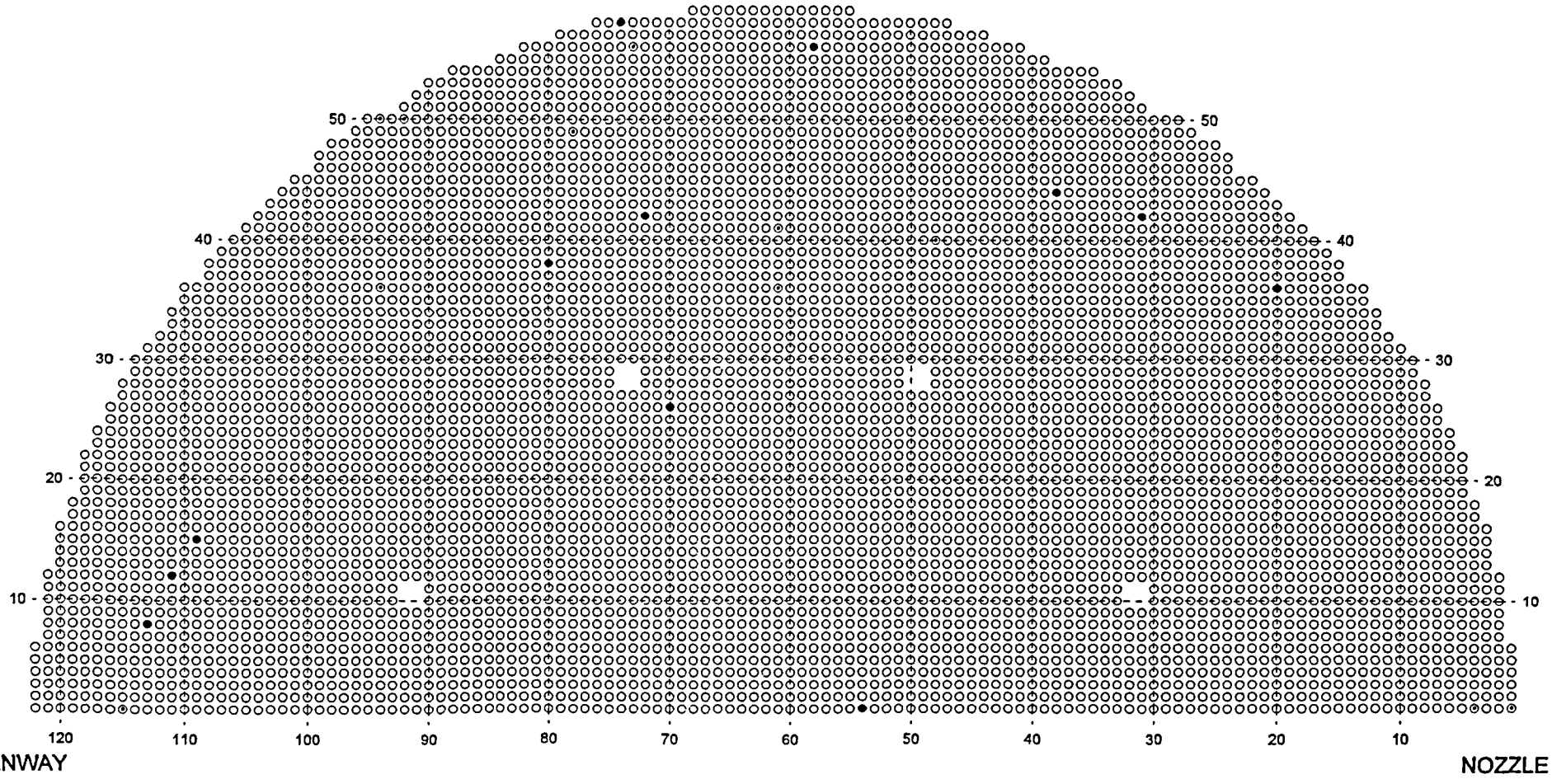
GROUP	IND/TUBES
VOL Indications	14/12

FANP - FDMS map module Version 3.2

S/G C
HOT
PRIMARY FACE

TOTAL TUBES: 5626
SELECTED TUBES: 12
OUT OF SERVICE (#): 11

SCALE: 0.083214 X
Wed Dec 14 02:16:45 2005
Millstone Unit 3: S/G C HOT W - f series



RPC VOL Indications

QUERY: VOL Indications

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
1	54	1.77	138	3	VOL	08H	-1.05		08H	08H			39	HOT	560PP
8	113	0.92	17	3	VOL	TSH	+0.69		TSH	TSH			32	HOT	560PP
		0.76	71	3	VOL	TSH	+2.97		TSH	TSH			32	HOT	560PP
12	111	0.62	109	3	VOL	02H	+7.59		02H	02H			32	HOT	560PP
15	109	0.23	94	3	VOL	03H	+17.36		03H	03H			32	HOT	560PP
		0.41	40	3	VOL	03H	+10.65	TO+15.10	03H	03H			32	HOT	560PP
26	70	1.13	123	3	VOL	05H	-14.59		05H	05H			32	HOT	560PP
36	20	0.13	92	3	VOL	TSH	+3.66		TSH	TSH			34	HOT	560PP
38	80	0.58	119	3	VOL	03H	+16.37		03H	03H			32	HOT	560PP
42	31	0.28	99	3	VOL	07H	+18.21		07H	07H			33	HOT	560PP
42	72	0.86	97	3	VOL	08H	-6.68		08H	08H			32	HOT	560PP
44	38	0.09	109	4	VOL	05H	+13.89		05H	05H	LAR	89	33	HOT	560PP
56	58	0.34	76	3	VOL	08H	-9.73		08H	08H	LAR		32	HOT	560PP
58	74	0.53	136	3	VOL	04H	+13.84		04H	04H			32	HOT	560PP

Total Tubes : 12
Total Records: 14