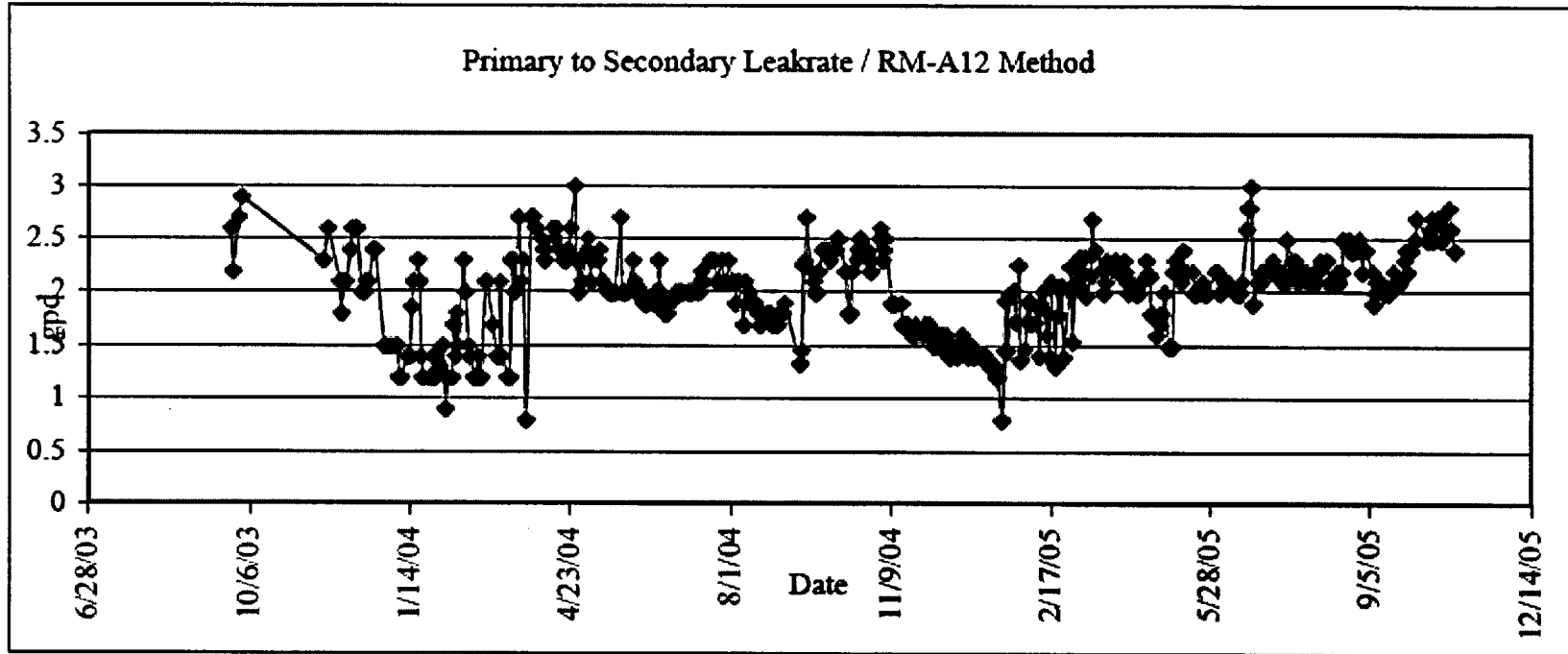


<http://nggweb/cr3environmentalradcontrol/chemistry/out/podchem.pdf> (2-year plot)



Provide a description of the inspections performed including the areas examined and the probes used.

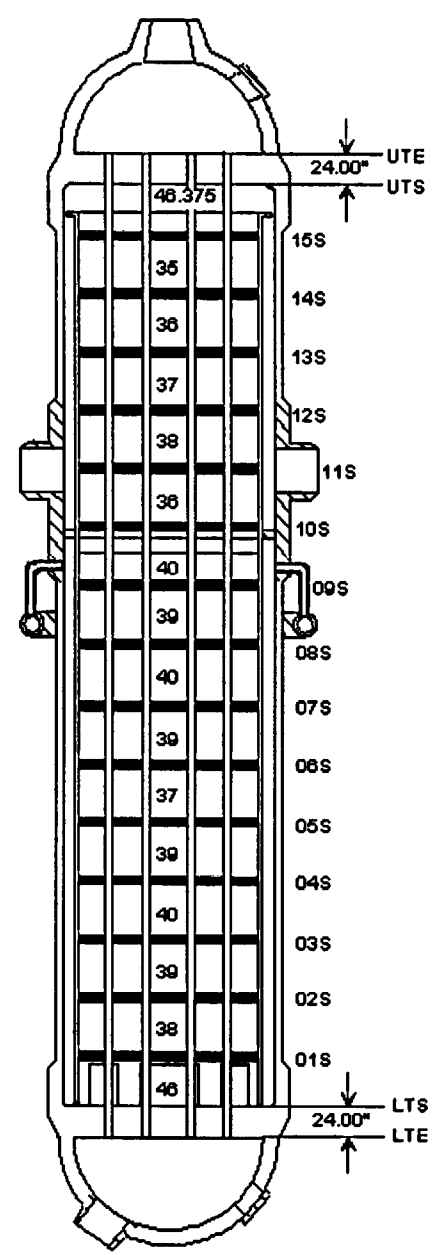
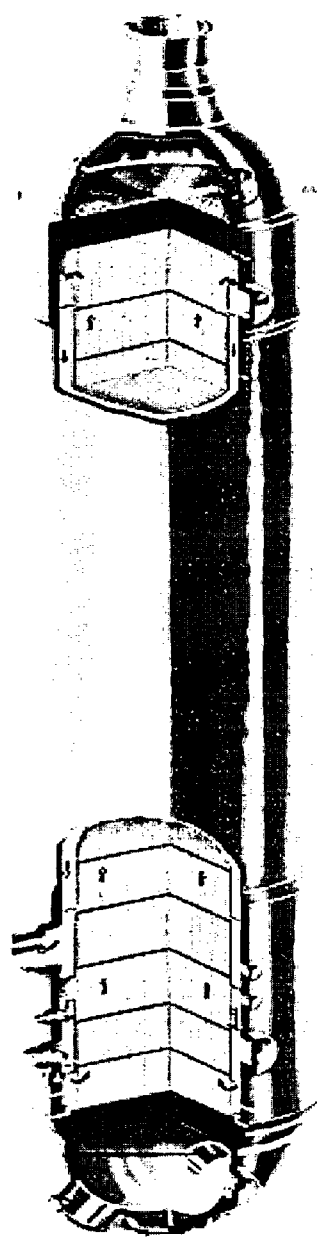
Scope	A	B
100% Full Length Bobbin Coil (UTS to LTS)	15,232	14,748
100% Upper and Lower Roll Transition Of The Non-Sleeved Tubes Inservice Using MRPC	15,232	14,748
34% Bobbin Coil of the Inservice Sleeves Examined Full Length of the Sleeve	55	54
34% MRPC of the Rolled Joints in the UTS and 15S of the Inservice Sleeves (Plus 6" below the end of the sleeve)	55	54
34% MRPC exam UTS and 15S of Remainder Lane Region Un-sleeved tubes	13	10
34% MRPC @ 15S Exam Of One Tube Boundary Around Lane/Wedge Region Sleeved and Un-Sleeved Tubes	45	45
Visual Inspection of ALL Plugs	598	1566
100% MRPC of the I-600 Rolled Plugs	20	47
100% MRPC of the Dents Adjacent to Explosive Plugged Tubes	17	66
34% MRPC of all Dents LTS +4" to UTE	160	70
34% MRPC in the Lower Tube Sheet Crevice Area, +4" to -8" from the LTSF in the Sludge Pile Region	2054	1387
100% MRPC of the Inservice Tubes with IGA in the First Span	N/A	167

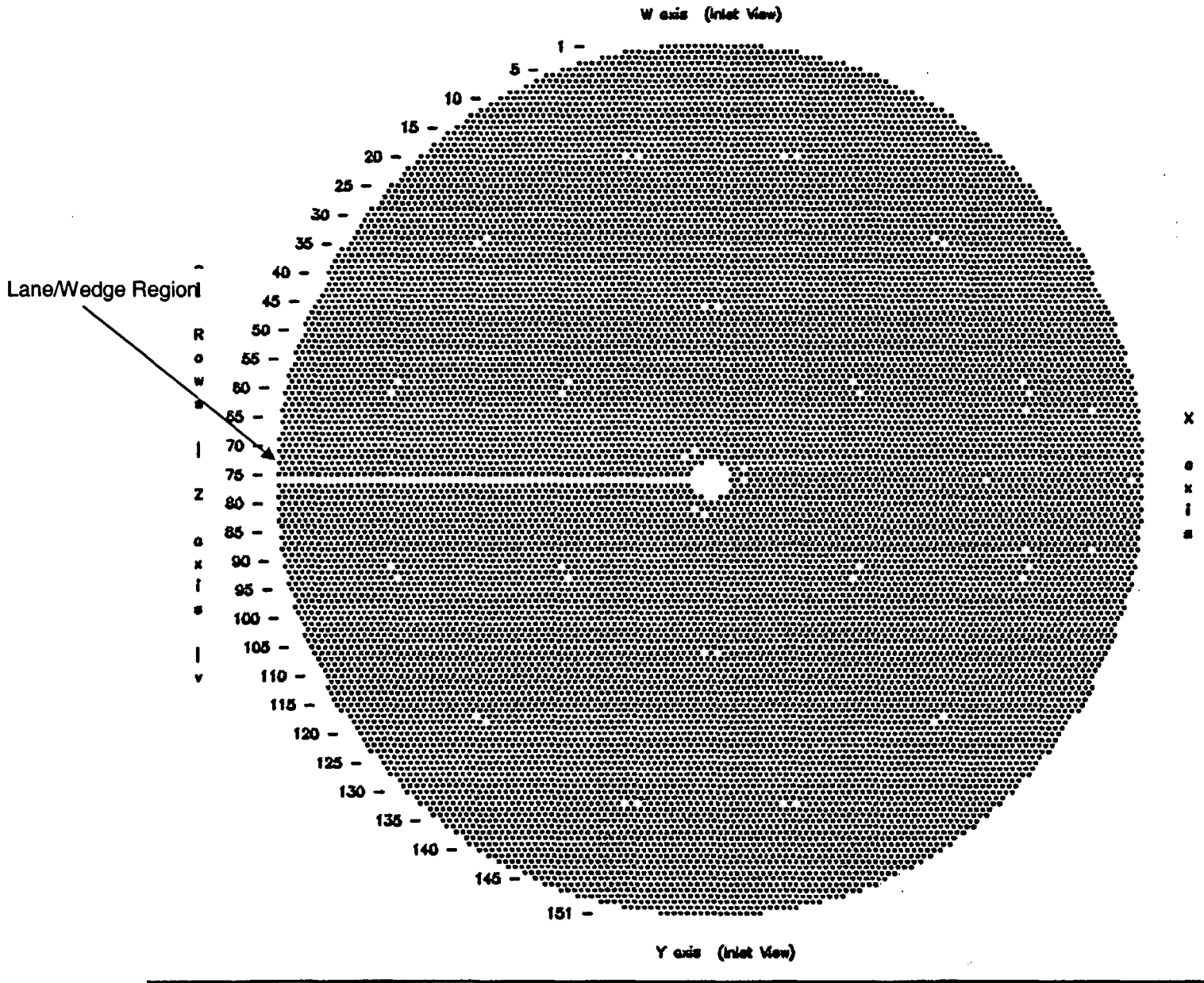


The scope of the inspection and the expansion criteria

Scope	
100% Full Length Bobbin Coil	100% Inspection, no further expansion is possible
100% Upper and Lower Roll Transition Of The Non-Sleeved Tubes Inservice Using MRPC	100% Inspection, no further expansion is possible
34% Bobbin Coil of the Inservice Sleeves Examined Full Length of the Sleeve	IF C-1: THEN NO EXPANSION REQUIRED IF C-2 or C-3: THEN Inspect the remaining tubes in the affected OTSG and 20% additional tubes in the other OTSG.
34% MRPC of the Rolled Joints in the UTS and 15S of the Inservice Sleeves (Plus 6" below the end of the sleeve)	IF C-1: THEN NO EXPANSION REQUIRED IF C-2 or C-3: THEN Inspect the remaining tubes in the affected OTSG and 20% additional tubes in the other OTSG.
34% MRPC exam UTS and 15S of Remainder Lane Region Un-sleeved tubes	IF C-1: THEN NO EXPANSION REQUIRED IF C-2 or C-3: THEN Inspect the remaining tubes in the affected OTSG and 20% additional tubes in the other OTSG.
34% MRPC @ 15S Exam Of One Tube Boundary Around Lane/Wedge Region Sleeved and Un-Sleeved Tubes	IF C-1: THEN NO EXPANSION REQUIRED IF C-2 or C-3: THEN Inspect the remaining tubes in the affected OTSG and 20% additional tubes in the other OTSG.
Visual Inspection of ALL Plugs	100% Inspection, no further expansion is possible
100% MRPC of the I-600 Rolled Plugs	100% Inspection, no further expansion is possible
100% MRPC of the Dents Adjacent to Explos Plugged Tubes	100% Inspection, no further expansion is possible
34% MRPC of all Dents LTS +4" to UTE	IF C-1: THEN NO EXPANSION REQUIRED IF C-2 or C-3: THEN Inspect the remaining tubes in the affected OTSG and 20% additional tubes in the other OTSG.
34% MRPC in the Lower Tube Sheet Crevice Area, +4" to -8" from the LTSF in the Sludge Pile Region	IF C-1: THEN NO EXPANSION REQUIRED IF C-2 or C-3: THEN Inspect the remaining tubes in the affected OTSG and 20% additional tubes in the other OTSG.
100% MRPC of the Inservice Tubes with IGA in the First Span (B OTSG)	N/A







TYPICAL TUBE END CRACKING

