ATTACHMENT 1

1992 UNIT 2 REFUELING OUTAGE

INSERVICE INSPECTION SUMMARY REPORT

OWNER'S REPORT FOR INSERVICE INSPECTIONS

NORTH ANNA POWER STATION - UNIT 2
P.O. BOX 402
MINERAL, VA 23117

COMMERCIAL SERVICE DATE 12-14-80

JULY 16, 1992

VIRGINIA ELECTRIC AND POWER COMPANY
5000 DOMINION BOULEVARD
GLEN ALLEN, VA 23060

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Virginia Electric & Power Company, 5000 Dominion Blvd., Glen Allen, VA 23060
(Name and Address of Owner)

2. Plant North Anna Power Station, P.O. Box 402, Mineral, VA 23117
(Name and Address of Plant)

3. Plant Unit Unit 2 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 12-14-80 6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
BORON INJECTION TANK, 900 GL.	STRUTHER WELLS CORP. WARREN, PA	2-70-07-30717-1	VA 5 1700	13351
CHARGING PUMP 'B'	PACIFIC PUMPS, HUNTINGTON PARK, CA	N/A	N/A	N/A
CLASS 1 COMPONENT SUPPORTS	STONE & WEBSTER ENG. CORP., BOSTON, MA	N/A	N/A	N/A
CLASS 1 PIPING NONSERIALIZED	STONE & WEBSTER ENG. CORP., BOSTON, MA	N/A	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2374	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2375	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2378	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2385	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2386	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2390	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2393	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2394	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2395	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2397	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2398	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2406	N/A	N/A

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Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2407	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2425	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2428	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2548	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2636	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2641	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2644	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2645	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2700	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2711	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2715	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2720	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2778	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2791	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2857	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2874	N/A	N/A

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5. Commercial Service Date 12-14-80 6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2991	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	3026	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	3027	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	3052	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	3053	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	4529	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	4531	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	4700	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	5738	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	5739	N/A	N/A
CLASS 1 PIPING	S.W. FABRICRATING, HOUSTON, TX	2429	N/A	N/A
CLASS 2 COMPONENT SUPPORTS	STONE & WEBSTER ENG. CORP., BOSTON, MA	N/A	N/A	N/A
CLASS 2 PIPING NONSERIALIZED	STONE & WEBSTER ENG. CORP., BOSTON, MA	N/A	N/A	N/A
PRESSURIZER (1400 CF.)	WESTINGHOUSE ELECTRIC CORP., TAMPA, FL	1291	VA 61434	68-10
REACTOR COOL. PUMP 'A' 96K GPM	WESTINGHOUSE ELECTRIC CORP., CHESWICK, PA	819	N/A	N/A
REACTOR VESSEL (157'' ID)	RDM ROTTERDAM, KERNENERGIE, HOLLAND	30662	VA 61445	N/A

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(Name and Address of Plant)

3. Plant Unit Unit 2 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 12-14-80 6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
RHR HEAT EXCH. 'A' 33xE6 BTU/HR	JOSEPH OAT & SONS, INC. CAMDEN, NJ	1832-5	VA 61417	372
RHR HEAT EXCH. 'A' 33xE6 BTU/HR	JOSEPH OAT & SONS, INC. CAMDEN, NJ	1832-6	VA 61416	373
STEAM GENRTR 'A' 3167xE6 BTU/HR	WESTINGHOUSE ELECTRIC CORP., TAMPA, FL	1281	VA 61431	68-95
STEAM GENRTR 'C' 3167xE6 BTU/H	WESTINGHOUSE ELECTRIC CORP., TAMPA, FL	1283	VA 61433	68-97
'A' COLD LEG LOOP STOP VALVE	WESTINGHOUSE ELECTRIC CORP., CHESWICK, PA	N/A	N/A	N/A
'A' HOT LEG LOOP STOP VALVE	WESTINGHOUSE ELECTRIC CORP., CHESWICK, PA	N/A	N/A	N/A
'A' LOW HEAD SI PUMP 3250 GPM	INGERSOL- RAND, PHILLIPSBURG, NJ	VGB-SIAPLH-02	N/A	N/A
'A' OUTSIDE RECIRC. SPRAY PUMP	BINGHAM WILLAMETTE, PORTLAND, OR	200469	N/A	157
'A' PZR SAFETY VALVE 389K LB/HR	DRESSER, ALEXANDRIA, LA	BM06916	N/A	N/A
'B' PZR SAFETY VALVE 388K LB/HR	DRESSER, ALEXANDRIA, LA	BM06917	N/A	N/A
'B' SEAL WATR INJTN FILTER 80 GPM	COMERCIAL FILTERS DIVISION, NIGARA FALLS, NY	19046-1967	N/A	1465
'C' PZR SAFETY VALVE 358K LB/HR	DRESSER, ALEXANDRIA, LA	BM06921	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	91-024	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	91-B080	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	91-B087	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	91-B088	N/A	N/A

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(Name and Address of Owner)

2. Plant North Anna Power Station, P.O. Box 402, Mineral, VA 23117
(Name and Address of Plant)

3. Plant Unit Unit 2 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 12-14-80 6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	91-8091	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	91-8105	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-095	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-099	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-101	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-102	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-104	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-107	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-108	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-109	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-110	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-113	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-143	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-144	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-153	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-168	N/A	N/A

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Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-169	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-170	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-171	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-172	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-173	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-174	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-175	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-187	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-191	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-192	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-200	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-201	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-213	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-214	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-215	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-219	N/A	N/A

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REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-221	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-222	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-227	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-228	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-235	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-245	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-249	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-250	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-260	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-261	N/A	N/A
REPAIR AND REPLACEMENT	VIRGINIA ELECTRIC & POWER CO.	92-274	N/A	N/A

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Virginia Electric and Power Company
North Anna Power Station

Unit 2

1992 Refueling Outage
2nd Interval, 1st Period

Introduction

This report includes the Interval 2 inservice examinations of Class 1 and Class 2, components, piping and component supports that were conducted at North Anna Power Station Unit 2 from October 31, 1990 to April 20, 1992. The examinations during the second interval were performed to meet the requirements of ASME Section XI, 1986 Edition.

Examination procedures were approved prior to the examinations being performed. Certification documents relative to personnel, equipment, and materials were reviewed and determined to be satisfactory.

Inspections, witnessing, and surveillance of the examinations and related activities were conducted by personnel from the Hartford Steam Boiler Inspection and Insurance Company, One State Street, Hartford, CT 06102 (M. M. Grace, W. E. Huber, C. A. Ireland), North Anna Power Station Quality Assurance Department, and the North Anna Power Station technical staff.

Examinations

Examinations were conducted to review as much of the examinaiton zones as was practical within geometric, metallurgical and physical limitations. When the required ultrasonic examination volume or area could not be examined 100%, the examination method was evaluated and alternate beam angles or methods were considered in an attempt to achieve the maximum examination volume. However, where 100% examination was not possible the examination was considered to be partial and so noted on the examination report. Where the reduction in coverage was 10% or greater, per Code Case N-460, a subsequent relief request will be submitted.
Some repair activities were performed after the end of the refueling outage, April 20, 1992. These post-outage activities are included in this report rather than the next report to state the extent of completion of the first period second interval examinations. The post-outage examinations contained in this report will not be reported in the next NIS-1 report.

Results

Examinations of components and component supports resulted in a total of 10 components being reported on the basis of procedure reporting criteria.

A summary of the indications and their dispositions follows:

A) A 5.8 inch linear indication was found on weld 2 on 12050-WMKS-0101GC (Class 2). The indication was determined to be a superficial surface imperfection/scratch. The area was buffed and found to be acceptable by magnetic partical.

B) A 0.85 inch linear indication and a 0.4 inch linear indication was found on the saddle portion of intergral attachment 54J on 12050-WMKS-0102A (Class 2). The indication was determined to be a superficial surface imperfection/scratch. The area was buffed and found to be acceptable by magnetic partical.

C) A 1/2 inch linear indication was found on the elbow during the liquid pentetrant exam for weld 25 on 12050-WMKS-0103BF (Class 2). The indication was determined to be a superficial surface imperfection/scratch. The area was buffed and found to be acceptable by liquid pentetrant.

D) The verification of clearance could not be performed on component support 2-CH-R-22 on 12050-WMKS-0103BK (Class 1) due to debris in the bottom pipe to support interface. The debris was removed and the component support was found acceptable upon reexamination.

E) Paint was found on the spherical bearings of component support 2-SI-R-251 on 12050-WMKS-0103BM (Class 1). The paint was removed and the component support was found acceptable upon reexamination.

F) A lock nut was reported missing on component support 2-SI-A-1 on 12050-WMKS-0103BN (Class 1). The lock nut was replaced under Repair and Replacement program 92-235. The component support was found acceptable upon reexamination.

G) The pipe clamp was shifted out of position and the spherical bearing had heavy corrosion and paint present on component support 2-SI-R-3 on 12050-WMKS-0103BP (Class 1). The paint and corrosion were removed and the component support was found acceptable upon reexamination.

H) A 6 inch linear indication was found to run across welds 33 and 34 on 12050-WMKS-0103CB (Class 1). The indication was determined to be a superficial surface imperfection/scratch. The area was buffed and found to be acceptable by liquid pentetrant.

I) Lack of thread engagement was reported on the bonnet bolts of 2-SI-153 on 12050-WMKS-0113A-4 (Class 1). The thread engagement was determined to be acceptable by Virginia Power and Electric Company Engineering. The bonnet bolts will be reexamined during the next three inspection periods as required by IWB-2420(b). The evaluation is included in Attachment III page 2.

J) A missing lock clip on the pin for the strut to wall attachment and paint and minor corrosion on four spherical bearings were reported on component support 2-SI-H-???? on 12050-WMKS-SI-P-1B Rev. 0 (Class 2). Drawing 12050-WMKS-SI-P-1B did not detail an additional support and did not have a unique mark number for 2-SI-H-????. The snap ring was replaced under Repair and Replacement program 92-213. A drawing update request was submitted to revise 12050-WMKS-SI-P-1B to show the additional support and change the mark number 2-SI-H-???? to 2-SI-H-603A.

Resolution of Previous Interval 1 NIS-1 commitments

The following is a synopsis of commitments made in the previous NIS-1 submittal and their status:

1. Letter Serial No. 91-033 Attachment I, page 10 of 53 item K:

   A commitment was made to revise drawing 12050-WMKS-102E-2 to show the the correct arrangement for component support WCMU-R-7. The arrangement was corrected by revision 1.

2. Letter Serial No. 91-033 Attachment I, page 11 of 53 item O:

   A commitment was made to walkdown drawing 12050-WMKS-103CB to determine the correct arrangement of spring support RC-CH-2 and hydraulic snubber HSS-455.01. The drawing was in error. A drawing update request has been submitted and the drawing will be revised prior to the end of the next refueling outage.

3. Letter Serial No. 91-033 Attachment I, page 13 of 53 item W:

   A commitment was made to clean, paint, and reexamine the following supports.

Drawing	Mark Number	Line Number
12050-WMKS-107AAG	WCMU-R-10	6"-WCMU-412-151-Q3
12050-WMKS-107AAG	WCMU-R-12	6"-WCMU-412-151-Q3
12050-WMKS-107AAG	WCMU-R-13	6"-WCMU-412-151-Q3
12050-WMKS-107AAG	WCMU-R-15	6"-WCMU-412-151-Q3
12050-WMKS-107AAG	WCMU-R-16	6"-WCMU-412-151-Q3
12050-WMKS-107AAG	WCMU-R-18A	6"-WCMU-412-151-Q3
12050-WMKS-107AAG	WCMU-R-30	6"-WCMU-412-151-Q3
12050-WMKS-107AAG	WCMU-R-31	6"-WCMU-412-151-Q3
12050-WMKS-107AAG	WCMU-R-32	6"-WCMU-412-151-Q3
12050-WMKS-107AAG	WCMU-R-33	6"-WCMU-412-151-Q3
12050-WMKS-107AAG	WCMU-R-34	6"-WCMU-412-151-Q3

   All supports were cleaned, painted, and were acceptable upon reexamination.

4. Letter Serial No. 91-033 Attachment I, page 14 of 53 item Z:

   A commitment was made to replace a pipe clamp bolt on RC-R-31 on line number 4"-RC-415-1502-Q1 on 12050-WMKS-110D. The bolt was replaced under Repair and Replacement program 92-095. The support was found acceptable upon reexamination.

5. Letter Serial No. 91-033 Attachment I, page 14 of 53 item AB:

A commitment was made to remove paint. The sliding surfaces of SI-SH-17A, and SI-S-17B on 11715-WMKS-113C were acceptable at the time of the original exam. This commitment was made in error.

6. Letter Serial No. 91-033 Attachment I, page 14 of 53 item AC:

A commitment was made to remove the paint from the spherical bearing of CC-R-417 on line number 18"-420-151-Q3 on 11715-WMKS-118N-3. The paint was removed and the support was found acceptable upon reexamination.

7. Letter Serial No. 91-033 Attachment I, page 14 of 53 item AD:

A commitment was made to remove the paint from the spherical bearing of CC-R-418 on line number 18"-419-151-Q3 on 11715-WMKS-118N-3. The paint was removed and the support was found acceptable upon reexamination.

8. Letter Serial No. 91-033 Attachment I, page 18 of 53 item AC:

A commitment was made to resolve the nonconformance of bypassing an ANII hold point during the examination of a reactor coolant pump seal injection flange bolt (DR N1-91-61). No corrective work was required. Virginia Electric and Power Company personnel will work closely with short term contract personnel so that requirements and hold points are not missed.

9. Letter Serial No. 91-033 Attachment I, page 22 of 53 items BL and BM:

A commitment was made to resolve the deficiency of replacing a bolting on supports CH-SH-5 on 12050-WMKS-111AB and RC-SH-1 on 12050-WMKS-103BA without a Bolting Program and implement the solution (DR 91 0090). Training has been provided to the Planners to reinforce the scope of Repair and Replacement programs.

Analytical Evaluations

No analytical evaluations were performed.

Evaluation Analyses

There was 1 evaluation analysis (2-SI-153 on 12050-WMKS-0113A-4) performed for visual indications. The evaluation analysis is included in Attachment III.

Statement of Interval Status

Virginia Electric and Power has completed 22% of Second 10-Year Interval Section XI requirements.

Abstract of Examinations Performed
IWB, IWC & IWF

The exams were performed to satisfy the first period requirements.

DRAWING NUMBER	MARK NUMBER	CLASS	LINE NUMBER	SECTION XI CTGRY	ITEM	EXAM METHOD	EXA DATE	REMARKS
12050-WMKS-0101B	1	2A	32'-SHP-401-601-Q2	C-F-2	C5.51	MT & UT	03/09/92	
12050-WMKS-0101B	2-SHP-HSS-223A	2A	32'-SHP-401-601-Q2	F-C	F3.10	VT-3	03/24/92	
12050-WMKS-0101B	LS-97	2A	32'-SHP-401-601-Q2	C-F-2	C5.52	MT & UT	03/09/92	
12050-WMKS-0101B	SW-79	2A	32'-SHP-401-601-Q2	C-C	C3.20	MT	03/29/92	Relief Request NDE-12
12050-WMKS-0101B	SW-80	2A	32'-SHP-401-601-Q2	C-C	C3.20	MT	03/29/92	Relief Request NDE-12
12050-WMKS-0101B	SW-88	2A	32'-SHP-401-601-Q2	C-C	C3.20	MT	03/29/92	Partial 50%
12050-WMKS-0101B	SW-89	2A	32'-SHP-401-601-Q2	C-C	C3.20	MT	03/29/92	Partial 50%
12050-WMKS-0101B	SW-91	2A	32'-SHP-401-601-Q2	C-C	C3.20	MT	03/20/92	
12050-WMKS-0101C	2-SHP-HSS-205	2A	32'-SHP-402-601-Q2	F-C	F3.10	VT-3	03/12/92	
12050-WMKS-0101C	LS-98	2A	32'-SHP-402-601-Q2	C-F-2	C5.52	MT & UT	03/20/92	
12050-WMKS-0101D	2-SHP-PEN-73	2A	32'-SHP-403-601-Q2	F-A	F1.0	VT-3	03/18/92	
12050-WMKS-0101D	SW-15W	2A	32'-SHP-403-601-Q2	C-C	C3.20	MT	03/20/92	
12050-WMKS-0101GA	16	2A	6'-SHP-437-601-Q2	C-F-2	C5.51	MT & UT	03/06/92	
12050-WMKS-0101GC	2	2A	6'-SHP-439-601-Q2	C-F-2	C5.51	MT & UT	03/06/92	*A
12050-WMKS-0101GC	2	2A	6'-SHP-439-601-Q2	C-F-2	C5.51	MT & UT	03/24/92	
12050-WMKS-0102A	2-WFPD-HSS-231	2A	16'-WFPD-424-601-Q2	F-C	F3.10	VT-3	03/03/92	
12050-WMKS-0102A	54J	2A	16'-WFPD-424-601-Q2	C-C	C3.20	MT	03/11/92	*B
12050-WMKS-0102A	54J	2A	16'-WFPD-424-601-Q2	C-C	C3.20	MT	03/18/92	
12050-WMKS-0102A	57H	2A	16'-WFPD-424-601-Q2	C-C	C3.20	MT	03/12/92	Partial 70%
12050-WMKS-0102A	58H	2A	16'-WFPD-424-601-Q2	C-C	C3.20	MT	03/12/92	
12050-WMKS-0102A	59H	2A	16'-WFPD-424-601-Q2	C-C	C3.20	MT	03/12/92	Partial 70%
12050-WMKS-0102B	1A	2A	16'-WFPD-423-601-Q2	C-F-2	C5.51	MT & UT	03/15/92	
12050-WMKS-0102B	2-WFPD-R-41A	2A	16'-WFPD-423-601-Q2	F-A	F1.0	VT-3	03/05/92	
12050-WMKS-0103AA	2-SI-R-127	2A	6'-SI-419-1502-Q1	F-A	F1.0	VT-3	03/06/92	
12050-WMKS-0103AA	SW-83	2A	6'-SI-421-1502-Q1	C-F-1	C5.11	PT & UT	03/15/92	
12050-WMKS-0103AA	SW-86	2A	6'-SI-421-1502-Q1	C-F-1	C5.11	PT & UT	03/15/92	
12050-WMKS-0103AA	SW-87	2A	6'-SI-421-1502-Q1	C-F-1	C5.11	PT & UT	03/15/92	
12050-WMKS-0103AB	2-SI-A-14A	2A	6'-SI-421-1502-Q1	F-A	F1.0	VT-3	03/19/92	
12050-WMKS-0103AD	2-SI-R-11C	2A	6'-SI-419-1502-Q1	F-A	F1.0	VT-3	03/17/92	
12050-WMKS-0103AF	16A	1A	2'-SI-459-1502-Q1	B-J	B9.40	PT	03/19/92	
12050-WMKS-0103AF	23B	1A	2'-SI-459-1502-Q1	B-J	B9.40	PT	03/19/92	
12050-WMKS-0103AF	27	1A	3'-SI-457-1502-Q1	B-J	B9.21	PT	03/19/92	
12050-WMKS-0103AF	42	1A	12'-SI-463-1502-Q1	B-J	B9.40	PT	03/19/92	
12050-WMKS-0103AF	SW-41	1A	2'-SI-459-1502-Q1	B-J	B9.40	PT	03/19/92	
12050-WMKS-0103AG	2-SI-118-BOLTING	1A	6'-RC-416-1502-Q1	B-G-2	B7.70	VT-1	04/01/92	
12050-WMKS-0103AG	4	1A	6'-RC-416-1502-Q1	B-J	B9.11	PT & UT	03/20/92	
12050-WMKS-0103AH	32A	1A	2'-SI-463-1502-Q1	B-J	B9.40	PT	03/25/92	
12050-WMKS-0103AH	34A	1A	2'-SI-463-1502-Q1	B-J	B9.40	PT	03/25/92	
12050-WMKS-0103AH	46	1A	2'-SI-463-1502-Q1	B-J	B9.40	PT	03/25/92	
12050-WMKS-0103AJ-1	35	1A	2'-SI-461-1502-Q1	B-J	B9.40	PT	03/19/92	
12050-WMKS-0103AJ-2	2-SI-HSS-504	1A	3'-SI-539-1502-Q1	F-C	F3.10	VT-3	03/03/92	
12050-WMKS-0103AJ-2	SW-82	1A	3'-SI-539-1502-Q1	B-J	B9.21	PT	03/14/92	
12050-WMKS-0103AP	10	1A	2'-CH-492-1502-Q1	B-J	B9.40	PT	03/26/92	
12050-WMKS-0103AP	2-CH-A-40	1A	2'-CH-492-1502-Q1	F-A	F1.0	VT-3	03/19/92	
12050-WMKS-0103AP	2-CH-R-6	1A	2'-CH-492-1502-Q1	F-A	F1.0	VT-3	03/18/92	
12050-WMKS-0103AP	68	1A	2'-CH-492-1502-Q1	B-J	B9.40	PT	04/01/92	
12050-WMKS-0103AP	69	1A	2'-CH-492-1502-Q1	B-J	B9.40	PT	04/01/92	
12050-WMKS-0103AQ	2-CH-R-25	1A	2'-CH-492-1502-Q1	F-A	F1.0	VT-3	03/06/92	
12050-WMKS-0103AQ	SW-19W	1A	2'-CH-492-1502-Q1	B-J	B9.40	PT	03/25/92	
12050-WMKS-0103AQ	SW-20W	1A	2'-CH-492-1502-Q1	B-J	B9.40	PT	03/25/92	
12050-WMKS-0103AR	2-CH-R-3	1A	2'-CH-494-1502-Q1	F-B	F2.0	VT-3	03/05/92	
12050-WMKS-0103AR	32	1A	2'-CH-494-1502-Q1	B-J	B9.40	PT	03/14/92	
12050-WMKS-0103AR	SW-76	1A	2'-CH-494-1502-Q1	B-J	B9.40	PT	03/14/92	
12050-WMKS-0103AT	33	1A	2'-CH-496-1502-Q1	B-J	B9.40	PT	03/28/92	
12050-WMKS-0103AT	2-CH-A-17	1A	2'-CH-496-1502-Q1	F-A	F1.0	VT-3	03/05/92	
12050-WMKS-0103AT	FR-FLG-1	1A	2'-CH-496-1502-Q1	B-G-2	B7.50	VT-1	03/15/92	
12050-WMKS-0103AT	SW-41	1A	2'-CH-496-1502-Q1	B-J	B9.40	PT	04/01/92	
12050-WMKS-0103AT	SW-72	1A	2'-CH-496-1502-Q1	B-J	B9.40	PT	03/15/92	
12050-WMKS-0103AT	SW-73	1A	2'-CH-496-1502-Q1	B-J	B9.40	PT	03/15/92	
12050-WMKS-0103AT	SW-74	1A	2'-CH-496-1502-Q1	B-J	B9.40	PT	03/15/92	

DRAWING NUMBER	MARK NUMBER	CLASS	LINE NUMBER	SECTION XI CTGRY	ITEM	EXAM METHOD	EXAM DATE	REMARKS
12050-WMKS-0103AT	SW-75	1A	2'-CH-496-1502-Q1	B-J	B9.40	PT	03/15/92	
12050-WMKS-0103AT	SW-76	1A	2'-CH-496-1502-Q1	B-J	B9.40	PT	03/15/92	
12050-WMKS-0103AT	SW-77	1A	2'-CH-496-1502-Q1	B-J	B9.40	PT	03/15/92	
12050-WMKS-0103AT	SW-78	1A	2'-CH-496-1502-Q1	B-J	B9.40	PT	03/15/92	
12050-WMKS-0103AT	SW-81	1A	1 1/2'-CH-798-1502-Q1	B-J	B9.21	PT	03/15/92	
12050-WMKS-0103AY	2-RC-R-16	1A	2'-RC-620-1502-Q1	F-A	F1.0	VT-3	03/20/92	
12050-WMKS-0103AY	2-RC-R-17	1A	2'-RC-620-1502-Q1	F-B	F2.0	VT-3	03/19/92	
12050-WMKS-0103AZ	2-RC-R-27	1A	2'-RC-620-1502-Q1	F-B	F2.0	VT-3	03/06/92	
12050-WMKS-0103BA	2-RC-R-5	1A	2'-RC-618-1502-Q1	F-B	F2.0	VT-3	03/23/92	
12050-WMKS-0103BB	14	1A	6'-SI-533-1502-Q1	B-J	B9.11	PT & UT	03/10/92	
12050-WMKS-0103BB	29	1A	6'-SI-531-1502-Q1	B-J	B9.11	PT & UT	03/24/92	
12050-WMKS-0103BB	2-SI-99-BOLTING	1A	6'-SI-533-1502-Q1	B-G-2	B7.70	VT-1	03/10/92	
12050-WMKS-0103BB	2-SI-A-98	1A	6'-SI-533-1502-Q1	F-A	F1.0	VT-3	03/06/92	
12050-WMKS-0103BB	2-SI-R-78	1A	6'-SI-533-1502-Q1	F-A	F1.0	VT-3	03/06/92	
12050-WMKS-0103BB	SW-36	1A	6'-SI-532-1502-Q1	B-J	B9.11	PT & UT	03/10/92	
12050-WMKS-0103BB	SW-42	1A	6'-SI-533-1502-Q1	B-J	B9.11	PT & UT	03/10/92	
12050-WMKS-0103BC	13	2A	2'-SI-455-1502-Q1	C-F-1	C5.30	PT	03/23/92	
12050-WMKS-0103BC	16B	2A	2'-SI-455-1502-Q1	C-F-1	C5.30	PT	03/23/92	
12050-WMKS-0103BC	26B	2A	2'-SI-455-1502-Q1	C-F-1	C5.30	PT	03/23/92	
12050-WMKS-0103BC	2-SI-R-9	2A	2'-SI-455-1502-Q1	F-A	F1.0	VT-3	03/18/92	
12050-WMKS-0103BD-1	2-SI-R-11	2A	2'-SI-451-1502-Q1	F-B	F2.0	VT-3	03/19/92	
12050-WMKS-0103BD-2	2-SI-HSS-500	2A	3'-SI-417-1502-Q1	F-C	F3.10	VT-3	03/03/92	
12050-WMKS-0103BD-2	2-SI-R-118	2A	3'-SI-538-1502-Q1	F-B	F2.0	VT-3	03/18/92	
12050-WMKS-0103BD-2	SW-78	2A	3'-SI-538-1502-Q1	C-F-1	C5.21	PT & UT	03/26/92	
12050-WMKS-0103BE	17	1A	6'-SI-531-1502-Q1	B-J	B9.11	PT & UT	03/13/92	
12050-WMKS-0103BE	SW-71	1A	6'-SI-531-1502-Q1	B-J	B9.11	PT & UT	03/13/92	
12050-WMKS-0103BE	SW-73	1A	6'-SI-531-1502-Q1	B-J	B9.11	PT & UT	03/13/92	
12050-WMKS-0103BF	25	1A	2'-CH-410-1502-Q1	B-J	B9.40	PT	03/24/92	*C
12050-WMKS-0103BF	25	1A	2'-CH-410-1502-Q1	B-J	B9.40	PT	03/23/92	
12050-WMKS-0103BF	2-CH-R-11	1A	2'-CH-410-1502-Q1	F-A	F1.0	VT-3	03/06/92	
12050-WMKS-0103BF	SW-40	1A	2'-CH-410-1502-Q1	B-J	B9.40	PT	03/23/92	
12050-WMKS-0103BH	2-CH-A-7	1A	2'-CH-410-1502-Q1	F-A	F1.0	VT-3	03/17/92	
12050-WMKS-0103BH	36	1A	2'-CH-409-1502-Q1	B-J	B9.40	PT	03/14/92	
12050-WMKS-0103BH	60	1A	2'-CH-408-1502-Q1	B-J	B9.40	PT	03/14/92	
12050-WMKS-0103BH	61A	1A	2'-CH-408-1502-Q1	B-J	B9.40	PT	03/14/92	
12050-WMKS-0103BJ	2-CH-R-12	1A	2'-CH-408-1502-Q1	F-A	F1.0	VT-3	03/16/92	
12050-WMKS-0103BJ	2-CH-R-9	1A	2'-CH-408-1502-Q1	F-B	F2.0	VT-3	03/16/92	
12050-WMKS-0103BJ	36	1A	2'-CH-408-1502-Q1	B-J	B9.40	PT	03/23/92	
12050-WMKS-0103BK	2	1A	2'-RC-598-1502-Q1	B-J	B9.40	PT	03/13/92	
12050-WMKS-0103BK	2-CH-R-23	1A	2'-CH-408-1502-Q1	F-B	F2.0	VT-3	03/11/92	*D
12050-WMKS-0103BK	2-CH-R-23	1A	2'-CH-408-1502-Q1	F-B	F2.0	VT-3	04/13/92	
12050-WMKS-0103BK	35	1A	2'-CH-408-1502-Q1	B-J	B9.40	PT	03/13/92	
12050-WMKS-0103BK	SW-73	1A	2'-CH-408-1502-Q1	B-J	B9.40	PT	03/13/92	
12050-WMKS-0103BK	SW-9	1A	2'-RC-598-1502-Q1	B-J	B9.40	PT	03/13/92	
12050-WMKS-0103BM	2-SI-R-19E	1A	6'-SI-531-1502-Q1	F-A	F1.0	VT-3	03/17/92	
12050-WMKS-0103BM	2-SI-R-251	1A	6'-SI-531-1502-Q1	F-B	F2.0	VT-3	03/17/92	*E
12050-WMKS-0103BM	2-SI-R-251	1A	6'-SI-531-1502-Q1	F-B	F2.0	VT-3	04/13/92	
12050-WMKS-0103BM	2-SI-R-74	1A	6'-SI-531-1502-Q1	F-A	F1.0	VT-3	03/17/92	
12050-WMKS-0103BM	30A	1A	6'-SI-531-1502-Q1	B-J	B9.11	PT & UT	03/22/92	
12050-WMKS-0103BN	2-SI-A-1	1A	6'-SI-532-1502-Q1	F-A	F1.0	VT-3	03/19/92	*F
12050-WMKS-0103BN	2-SI-A-1	1A	6'-SI-532-1502-Q1	F-A	F1.0	VT-3	04/14/92	
12050-WMKS-0103BP	19A	1A	6'-SI-533-1502-Q1	B-J	B9.11	PT & UT	03/22/92	
12050-WMKS-0103BP	22	1A	6'-SI-533-1502-Q1	B-J	B9.11	PT & UT	03/22/92	
12050-WMKS-0103BP	2-SI-R-108	1A	6'-SI-533-1502-Q1	F-A	F1.0	VT-3	03/16/92	
12050-WMKS-0103BP	2-SI-R-3	1A	6'-SI-533-1502-Q1	F-B	F2.0	VT-3	03/11/92	*G
12050-WMKS-0103BP	2-SI-R-3	1A	6'-SI-533-1502-Q1	F-B	F2.0	VT-3	03/16/92	
12050-WMKS-0103BV	2-SI-R-1	2A	2'-SI-455-1502-Q1	F-B	F2.0	VT-3	03/16/92	
12050-WMKS-0103BV	SW-54	2A	2'-SI-453-1502-Q1	C-F-1	C5.30	PT	04/01/92	
12050-WMKS-0103CA	2-RC-R-26	1A	2'-RC-453-1502-Q1	F-B	F2.0	VT-3	03/19/92	
12050-WMKS-0103CB	15	1A	2'-RC-453-1502-Q1	B-J	B9.40	PT	03/13/92	
12050-WMKS-0103CB	33	1A	3'-RC-615-1502-Q1	B-J	B9.21	PT	03/13/92	*H
12050-WMKS-0103CB	33	1A	3'-RC-615-1502-Q1	B-J	B9.21	PT	03/18/92	
12050-WMKS-0103CB	34	1A	2'-RC-455-1502-Q1	B-J	B9.40	PT	03/18/92	*H
12050-WMKS-0103CB	34	1A	2'-RC-455-1502-Q1	B-J	B9.40	PT	03/13/92	
12050-WMKS-0103CB	36	1A	2'-RC-455-1502-Q1	B-J	B9.21	PT	03/13/92	

DRAWING NUMBER	MARK NUMBER	CLASS	LINE NUMBER	SECTION XI CTGRY	ITEM	EXAM METHOD	EXAM DATE	REMARKS
12050-WMKS-0103CB	37	1A	2'-RC-455-1502-Q1	B-J	B9.21	PT	03/13/92	
12050-WMKS-0103CR	6	1A	3'-RC-615-1502-Q1	B-J	B9.21	PT	03/13/92	
12050-WMKS-0103CB	SW-70	1A	2'-RC-616-1502-Q1	B-J	B9.21	PT	03/13/92	
12050-WMKS-0104B-1	SW-56	2A	10'-SI-540-1502-Q1	C-F-1	C5.11	PT & UT	03/01/92	
12050-WMKS-0104B-2	11	2A	10'-SI-418-1502-Q1	C-F-1	C5.11	PT & UT	03/03/92	
12050-WMKS-0104B-2	45	2A	10'-SI-624-1502-Q1	C-F-1	C5.11	PT & UT	03/01/92	
12050-WMKS-0104B-2	51	2A	10'-SI-418-1502-Q1	C-F-1	C5.11	PT & UT	03/01/92	
12050-WMKS-0104C-1	24	2A	12'-SI-402-153A-Q2	C-F-1	C5.11	PT & UT	03/04/92	
12050-WMKS-0104C-1	25	2A	12'-SI-402-153A-Q2	C-F-1	C5.11	PT & UT	03/05/92	
12050-WMKS-0104C-1	8	2A	12'-SI-401-153A-Q2	C-F-1	C5.11	PT & UT	03/04/92	
12050-WMKS-0104C-2	2-SI-R-3	2A	12'-SI-414-153A-Q2	F-A	F1.0	VT-3	02/19/92	
12050-WMKS-0104C-2	SW-34	2A	12'-SI-414-153A-Q2	C-F-1	C5.12	PT & UT	03/04/92	
12050-WMKS-0104C-2	SW-35	2A	12'-SI-414-153A-Q2	C-F-1	C5.11	PT & UT	03/04/92	
12050-WMKS-0104DA	4A	2A	12'-RS-408-153A-Q2	C-F-1	C5.11	PT & UT	03/04/92	UT Partial 88%
12050-WMKS-0104DA	SW-25	2A	12'-RS-407-153A-Q2	C-F-1	C5.11	PT & UT	03/05/92	
12050-WMKS-0107AB	1	2F	6'-QS-433-153A-Q3	C-F-1	C5.11	PT & UT	04/08/92	
12050-WMKS-0107AB	2-QS-R-26	2F	6'-QS-432-153A-Q3	F-A	F1.0	VT-3	02/20/92	
12050-WMKS-0107AB	32	2F	6'-QS-433-153A-Q3	C-F-1	C5.11	PT & UT	04/08/92	
12050-WMKS-0107AB	SW-51	2F	6'-QS-433-153A-Q3	C-F-1	C5.11	PT & UT	04/08/92	
12050-WMKS-0107D	SW-58	2A	8'-QS-403-153A-Q3	C-F-1	C5.11	PT & UT	03/02/92	UT & PT Partial 86.5%
12050-WMKS-0107D	SW-61	2F	8'-QS-403-153A-Q3	C-F-1	C5.11	PT & UT	03/02/92	
12050-WMKS-0107E	SW-63	2F	8'-SI-440-153A-Q2	C-F-1	C5.11	PT & UT	04/10/92	
12050-WMKS-0109A	2	1A	8'-RC-411-2501R-Q1	B-J	B9.11	PT & UT	03/15/92	
12050-WMKS-0109B	2-RC-SH-4	1A	8'-RC-412-2501R	F-C	F3.0	VT-3	/05/92	
12050-WMKS-0109D	SW-5	1A	14'-RC-410-2501R-Q1	B-F	B5.40	PT & UT	/31/92	
12050-WMKS-0109E-1	1	1A	29'-RC-401-2501R-Q1	B-F	B5.10	PT	31/92	UT Partial 22%
12050-WMKS-0109E-1	4	1A	29'-RC-401-2501R-Q1	B-F	B5.70	PT & UT	04/09/92	UT Partial 22%
12050-WMKS-0109E-1	5	1A	31'-RC-402-2501R-Q1	B-F	B5.70	PT & UT	04/09/92	
12050-WMKS-0109E-2	SW-20	1A	31'-RC-402-2501R-Q1	B-J	B9.32	PT	03/14/92	
12050-WMKS-0109E-2	SW-21	1A	31'-RC-402-2501R-Q1	B-J	B9.32	PT	03/13/92	
12050-WMKS-0109E-2	SW-22	1A	31'-RC-402-2501R-Q1	B-J	B9.32	PT	03/13/92	
12050-WMKS-0109F-1	13	1A	29'-RC-404-2501R-Q1	B-F	B5.10	PT	03/31/92	
12050-WMKS-0109G-1	25	1A	29'-RC-407-2501R-Q1	B-F	B5.10	PT	03/29/92	
12050-WMKS-0110A-1	2-RC-A-62	1a	6'-RC-437-1502-Q1	F-A	F1.0	VT-3	03/05/92	
12050-WMKS-0110A-1	2-RC-SV-2551A	1A	6'-RC-439-1502-Q1	B-M-2	B12.50	VT-3	03/17/92	
12050-WMKS-0110A-1	2-RC-SV-2551A-BOLTIN	1A	6'-RC-439-1502-Q1	B-G-2	B7.70	VT-1	04/10/92	
12050-WMKS-0110A-1	2-RC-SV-2551B	1A	6'-RC-439-1502-Q1	B-M-2	B12.50	VT-3	03/17/92	
12050-WMKS-0110A-1	2-RC-SV-2551C	1A	6'-RC-439-1502-Q1	B-M-2	B12.50	VT-3	03/17/92	
12050-WMKS-0110A-1	FB-2551A	1A	6'-RC-439-1502-Q1	B-G-2	B7.50	VT-1	04/10/92	
12050-WMKS-0110A-1	SW-10	1A	6'-RC-437-1502-Q1	B-J	B9.11	PT & UT	03/27/92	
12050-WMKS-0110A-2	2-RC-HSS-144	1A	3'-RC-435-1502-Q1	F-C	F3.10	VT-3	03/11/92	
12050-WMKS-0110A-2	2-RC-HSS-145A	1A	3'-RC-435-1502-Q1	F-C	F3.10	VT-3	03/11/92	
12050-WMKS-0110A-2	SW-45	1A	3'-RC-461-1502-Q1	B-J	B9.21	PT	03/30/92	
12050-WMKS-0110A-2	SW-46 (OLD 21)	1A	4'-RC-434-1502-Q1	B-J	B9.11	PT & UT	04/01/92	
12050-WMKS-0110B	25H	1A	4'-RC-414-1502-Q1	B-K-1	B10.10	PT	04/01/92	
12050-WMKS-0110B	2-RC-R-11	1A	4'-RC-414-1502-Q1	F-A	F1.0	VT-3	03/18/	
12050-WMKS-0110B	2-RC-SH-15	1A	4'-RC-414-1502-Q1	F-C	F3.0	VT-3	03/19/92	
12050-WMKS-0110B	45	1A	4'-RC-414-1502-Q1	B-J	B9.11	PT & UT	03/28/92	
12050-WMKS-0110B	6A	1A	4'-RC-414-1502-Q1	B-J	B9.11	PT & UT	03/28/92	
12050-WMKS-0110C	2-RC-CSH-24	1A	4'-RC-415-1502-Q1	F-C	F3.0	VT-3	03/05/92	
12050-WMKS-0110C	32	1A	4'-RC-415-1502-Q1	B-J	B9.11	PT & UT	03/10/92	
12050-WMKS-0110C	35	1A	4'-RC-415-1502-Q1	B-J	B9.11	PT & UT	03/10/92	
12050-WMKS-0110C	SW-62	1A	4'-RC-415-1502-Q1	B-F	B5.40	PT & UT	03/30/92	
12050-WMKS-0110D	2-RC-HSS-107	1A	4'-RC-415-1502-Q1	F-C	F3.10	VT-3	03/10/92	
12050-WMKS-0110D	2-RC-HSS-700	1A	4'-RC-415-1502-Q1	F-C	F3.10	VT-3	03/10/92	
12050-WMKS-0111AAC	17	1A	2A 4'-CH-480-1502-Q2	C-F-1	C5.21	PT & UT	04/10/92	
12050-WMKS-0111AAC	2-CH-R-187	1A	2A 4'-CH-480-1502-Q2	F-A	F1.0	VT-3	04/08/92	
12050-WMKS-0111AAC	SW-59W	2A	3'-CH-411-1502-Q2	C-F-1	C5.21	PT & UT	04/03/92	
12050-WMKS-0111AAG	SW-58	2A	3'-SI-424-1502-Q2	C-F-1	C5.21	PT & UT	03/19/92	
12050-WMKS-0111AAJ	SW-76	2A	3'-SI-423-1502-Q2	C-F-1	C5.21	PT & UT	03/19/92	
12050-WMKS-0111AAJ	SW-87	2A	4'-SI-422-1502-Q2	C-F-1	C5.21	PT & UT	03/19/92	
12050-WMKS-0111AAM	22	2A	3'-CH-402-1502-Q2	C-F-1	C5.21	PT & UT	03/06/92	UT Partial 83%
12050-WMKS-0111AAM	73	2A	3'-CH-403-1502-Q2	C-F-1	C5.21	PT & UT	03/06/92	
12050-WMKS-0111AAN	2-CH-A-2	2A	2'-CH-422-1502-Q2	F-A	F1.0	VT-3	02/27/92	
12050-WMKS-0111AAN	2-CH-R-443	2A	3'-CH-513-1502-Q2	F-A	F1.0	VT-3	04/08/92	

DRAWING NUMBER	MARK NUMBER	CLASS	LINE NUMBER	SECTION XI CTGRY	ITEM	EXAM METHOD	EXAM DATE	REMARKS
12050-WMKS-0111AAH	97A	2A	2'-CH-779-1502-Q2	C-F-1	C5.30	PT	03/03/92	
12050-WMKS-0111AB	3	1A	3'-CH-800-1502-Q1	B-J	B9.21	PT	03/17/92	
12050-WMKS-0111AD-1	2-RC-HSS-445.03	1A	2'-RC-445-1502-Q1	F-C	F3.10	VT-3	03/03/92	
12050-WMKS-0111AD-1	41	1A	2'-RC-445-1502-Q1	B-J	B9.40	PT	03/14/92	
12050-WMKS-0111AD-1	SW-23	1A	2'-RC-445-1502-Q1	B-J	B9.40	PT	03/18/92	
12050-WMKS-0111AD-3	2-RC-HSS-444.03	1A	2'-RC-444-1502-Q1	F-C	F3.10	VT-3	03/03/92	
12050-WMKS-0111AG	2-CH-R-54A	2F	8'-CH-417-153A-Q2	F-B	F2.0	VT-3	02/27/92	
12050-WMKS-0111AJ	2-SI-A-246	2F	8'-SI-440-153A-Q2	F-A	F1.0	VT-3	02/27/92	
12050-WMKS-0111AJ	2-SI-R-89	2F	8'-SI-440-153A-Q2	F-B	F2.0	VT-3	02/27/92	
12050-WMKS-0111AQ	SW-18W	2F	6'-CH-419-153A-Q2	C-F-1	C5.11	PT & UT	03/04/92	
12050-WMKS-0111AQ	SW-96	2F	6'-CH-472-153A-Q2	C-F-1	C5.11	PT & UT	03/04/92	
12050-WMKS-0111DA	SW-19W	2F	6'-CH-418-153A-Q2	C-F-1	C5.11	PT & UT	03/04/92	
12050-WMKS-0111W	1	1A	2'-CH-468-1502-Q1	B-J	B9.21	PT	03/19/92	
12050-WMKS-0111W	16A	1A	3'-CH-819-1502-Q1	B-J	B9.21	PT	03/19/92	
12050-WMKS-0111W	2-CH-HSS-468.03	1A	2'-CH-468-1502-Q1	F-C	F3.10	VT-3	03/10/92	
12050-WMKS-0111W	2-CH-R-9	1A	2'-CH-468-1502-Q1	F-B	F2.0	VT-3	03/16/92	
12050-WMKS-0113A-1	1	1A	14'-RH-401-1502-Q1	B-J	B9.11	PT & UT	03/22/92	
12050-WMKS-0113A-1	2-RH-HSS-102	2A	14'-RH-403-602-Q2	F-C	F3.10	VT-3	03/04/92	
12050-WMKS-0113A-1	SW-40	2A	14'-RH-402-602-Q2	C-F-1	C5.11	PT & UT	03/14/92	
12050-WMKS-0113A-1	SW-54	2A	14'-RH-403-602-Q2	C-F-1	C5.11	PT & UT	03/14/92	
12050-WMKS-0113A-1	SW-75	2A	14'-RH-403-602-Q2	C-F-1	C5.12	PT & UT	03/14/92	
12050-WMKS-0113A-3	9H	2A	12'-RH-411-602-Q2	C-C	C3.20	PT	03/ 2	
12050-WMKS-0113A-4	2-SI-153-BOLTING	1A	12'-SI-467-1502-Q1	B-G-2	B7.70	VT-1	03/20/92	*1
12050-WMKS-0113A-4	5	1A	12'-SI-467-1502-Q1	B-J	B9.11	PT & UT	03/07/92	
12050-WMKS-0113A-4	SW-32	1A	12'-SI-467-1502-Q1	B-J	B9.11	PT & UT	03/22/92	
12050-WMKS-0113B	2	1A	10'-RH-412-1502-Q1	B-J	B9.11	PT & UT	03/24/92	
12050-WMKS-0113B	2-SI-168-BOLTING	1A	12'-SI-468-1502-Q1	B-G-2	B7.70	VT-1	03/16/92	
12050-WMKS-0113B	SW-26	1A	12'-SI-468-1502-Q1	B-J	B9.11	PT & UT	03/24/92	
12050-WMKS-0113C-1	2-SI-R-7	1A	12'-SI-469-1502-Q1	F-B	F2.0	VT-3	03/20/92	
12050-WMKS-0113C-2	SW-50	2A	12'-RH-411-602-Q2	C-F-1	C5.11	PT & UT	03/28/92	
12050-WMKS-0113C-3	2-RH-R-11A	2A	10'-RH-432-1502-Q2	F-B	F2.0	VT-3	03/16/92	
12050-WMKS-CH-FL-4B	2-CH-SUPT-LEG-1	2A		F-A	F1.0	VT-3	02/27/92	
12050-WMKS-CH-P-1B	2-CH-SUPT-BASE	2A		F-A	F1.0	VT-3	02/27/92	
12050-WMKS-CH-P-1B	WS-01	2A		C-C	C3.30	PT	04/03/92	Partial 83%
12050-WMKS-CH-P-1B	WS-02	2A		C-C	C3.30	PT	04/03/92	Partial 78%
12050-WMKS-CH-P-1B	WS-03	2A		C-C	C3.30	PT	04/03/92	Partial 83%
12050-WMKS-CH-P-1B	WS-04	2A		C-C	C3.30	PT	04/03/92	Partial 83%
12050-WMKS-RC-E-1A.1	1 (22" - 165")	1A		B-B	B2.40	UT	04/08/92	Relief Request NDE-12
12050-WMKS-RC-E-1A.1	2	2A		C-A	C1.30	UT	04/12/92	Relief Request NDE-12
12050-WMKS-RC-E-1A.1	3	2A		C-A	C1.10	UT	04/12/92	Relief Request NDE-12
12050-WMKS-RC-E-1A.1	CL-MANWAY	1A	2-RC-E-1A	B-G-2	B7.30	VT-1	03/16/92	
12050-WMKS-RC-E-1A.1	HL-MANWAY	1A	2-RC-E-1A	B-G-2	B7.30	VT-1	03/16/92	
12050-WMKS-RC-E-1A.2	10	2A		C-B	C2.21	UT	03/09/92	Relief Request NDE-12
12050-WMKS-RC-E-1A.2	10	2A		C-B	C2.21	MT	03/09/92	Relief Request NDE-12
12050-WMKS-RC-E-1A.2	2-RC-HSS-001A	1A		F-C	F3.10	VT-3	03/13/92	
12050-WMKS-RC-E-1A.2	2-RC-HSS-011A	1A		F-C	F3.10	VT-3	03/12/92	
12050-WMKS-RC-E-1C.2	2-RC-11NIR	1A		B-D	B3.140	VT-1 (ID)	04/12/92	
12050-WMKS-RC-E-1C.2	2-RC-12NIR	1A		B-D	B3.140	VT-1 (ID)	04/12/92	
12050-WMKS-RC-E-2	1 (0" - 4")	1A		B-B	B2.12	UT	03/26/92	Partial 80%
12050-WMKS-RC-E-2	10	1A		B-D	B3.110	UT	03/31/92	
12050-WMKS-RC-E-2	3 (0" - 4")	1A		B-B	B2.12	UT	03/26/92	
12050-WMKS-RC-E-2	4 (14" - 102")	1A		B-B	B2.11	UT	03/26/92	Relief Request NDE-12
12050-WMKS-RC-E-2	7 (14" - 102")	1A	2-RC-E-2	B-H	B8.20	UT	03/26/92	Relief Request NDE-12
12050-WMKS-RC-E-2	MANWAY	1A	2-RC-E-2	B-G-2	B7.20	VT-1	03/30/92	
12050-WMKS-RC-E-2	WS-1	1A	2-RC-E-2	B-H	B8.20	MT	03/29/92	
12050-WMKS-RC-MOV2590	NUT-1-24	1A	2-RC-MOV-2590	B-G-1	B6.230	VT-1	03/17/92	
12050-WMKS-RC-MOV2590	STUD-1-24	1A	2-RC-MOV-2590	B-G-1	B6.210	UT	03/17/92	
12050-WMKS-RC-MOV2591	NUT-1-24	1A	2-RC-MOV-2591	B-G-1	B6.230	VT-1	03/17/92	
12050-WMKS-RC-MOV2591	STUD-1-24	1A	2-RC-MOV-2591	B-G-1	B6.210	UT	03/17/92	
12050-WMKS-RC-P-1A.2	B01 - B24	1A	2-RC-P-1A	B-G-1	B6.180	UT	03/12/92	
12050-WMKS-RC-P-1A.2	FLANGE	1A	2-RC-P-1A	B-G-1	B6.190	VT	03/11/92	
12050-WMKS-RC-P-1A.2	LSHB	1A	2-RC-P-1A	B-G-2	B7.60	VT-1	03/11/92	
12050-WMKS-RC-R-1.2	1 (0° thru 120°)	1A	2-RC-R-1	B-A	B1.40	UT	03/21/92	Relief Request NDE-12
12050-WMKS-RC-R-1.2	1 (0° thru 120°)	1A	2-RC-R-1	B-A	B1.40	MT	03/21/92	Relief Request NDE-12
12050-WMKS-RC-R-1.2	MC-02	1A	2-RC-R-1	B-G-2	B7.80	VT-1	03/17/92	

DRAWING NUMBER	WELD NUMBER	CLASS	LINE NUMBER	SECTION XI CTGRY	ITEM	EXAM METHOD	EXAM DATE	REMARKS
12050-WMKS-RC-R-1.3	S-01	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/23/92	
12050-WMKS-RC-R-1.3	S-02	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/23/92	
12050-WMKS-RC-R-1.3	S-03	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/23/92	
12050-WMKS-RC-R-1.3	S-04	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/23/92	
12050-WMKS-RC-R-1.3	S-05	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/24/92	
12050-WMKS-RC-R-1.3	S-06	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/24/92	
12050-WMKS-RC-R-1.3	S-07	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/24/92	
12050-WMKS-RC-R-1.3	S-08	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/25/92	
12050-WMKS-RC-R-1.3	S-09	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/25/92	
12050-WMKS-RC-R-1.3	S-10	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/25/92	
12050-WMKS-RC-R-1.3	S-11	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/24/92	
12050-WMKS-RC-R-1.3	S-12	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/24/92	
12050-WMKS-RC-R-1.3	S-13	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/24/92	
12050-WMKS-RC-R-1.3	S-14	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/24/92	
12050-WMKS-RC-R-1.3	S-15	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/24/92	
12050-WMKS-RC-R-1.3	S-16	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/24/92	
12050-WMKS-RC-R-1.3	S-17	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/24/92	
12050-WMKS-RC-R-1.3	S-18	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/24/92	
12050-WMKS-RC-R-1.3	S-19	1A	2-RC-R-1	B-G-1	B6.30	MT/UT	03/24/92	
12050-WMKS-RC-R-1.4	CCW-01	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/23/92	
12050-WMKS-RC-R-1.4	CCW-02	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/23/92	
12050-WMKS-RC-R-1.4	CCW-03	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/23/92	
12050-WMKS-RC-R-1.4	CCW-04	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/23/92	
12050-WMKS-RC-R-1.4	CCW-05	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CCW-06	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CCW-07	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CCW-08	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/25/92	
12050-WMKS-RC-R-1.4	CCW-09	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/25/92	
12050-WMKS-RC-R-1.4	CCW-10	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/25/92	
12050-WMKS-RC-R-1.4	CCW-11	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CCW-12	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CCW-13	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CCW-14	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CCW-15	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CCW-16	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/25/92	
12050-WMKS-RC-R-1.4	CCW-17	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CCW-18	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CCW-19	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CVW-01	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/23/92	
12050-WMKS-RC-R-1.4	CVW-02	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/23/92	
12050-WMKS-RC-R-1.4	CVW-03	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/23/92	
12050-WMKS-RC-R-1.4	CVW-04	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/23/92	
12050-WMKS-RC-R-1.4	CVW-05	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CVW-06	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CVW-07	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CVW-08	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/25/92	
12050-WMKS-RC-R-1.4	CVW-09	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/25/92	
12050-WMKS-RC-R-1.4	CVW-10	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/25/92	
12050-WMKS-RC-R-1.4	CVW-11	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CVW-12	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CVW-13	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CVW-14	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CVW-15	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CVW-16	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/25/92	
12050-WMKS-RC-R-1.4	CVW-17	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CVW-18	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	CVW-19	1A	2-RC-R-1	B-G-1	B6.50	VT-1	03/24/92	
12050-WMKS-RC-R-1.4	N-01	1A	2-RC-R-1	B-G-1	B6.10	MT	03/23/92	
12050-WMKS-RC-R-1.4	N-02	1A	2-RC-R-1	B-G-1	B6.10	MT	03/23/92	
12050-WMKS-RC-R-1.4	N-03	1A	2-RC-R-1	B-G-1	B6.10	MT	03/23/92	
12050-WMKS-RC-R-1.4	N-04	1A	2-RC-R-1	B-G-1	B6.10	MT	03/23/92	
12050-WMKS-RC-R-1.4	N-05	1A	2-RC-R-1	B-G-1	B6.10	MT	03/24/92	
12050-WMKS-RC-R-1.4	N-06	1A	2-RC-R-1	B-G-1	B6.10	MT	03/24/92	
12050-WMKS-RC-R-1.4	N-07	1A	2-RC-R-1	B-G-1	B6.10	MT	03/24/92	
12050-WMKS-RC-R-1.4	N-08	1A	2-RC-R-1	B-G-1	B6.10	MT	03/25/92	

DRAWING NUMBER	MARK NUMBER	CLASS	LINE NUMBER	SECTION XI CTGRY	ITEM	EXAM METHOD	EXAM DATE	REMARKS
12050-WMKS-RC-R-1.4	N-09	1A	2-RC-R-1	B-G-1	B6.10	MT	03/25/92	
12050-WMKS-RC-R-1.4	N-10	1A	2-RC-R-1	B-G-1	B6.10	MT	03/25/92	
12050-WMKS-RC-R-1.4	N-11	1A	2-RC-R-1	B-G-1	B6.10	MT	03/24/92	
12050-WMKS-RC-R-1.4	N-12	1A	2-RC-R-1	B-G-1	B6.10	MT	03/24/92	
12050-WMKS-RC-R-1.4	N-13	1A	2-RC-R-1	B-G-1	B6.10	MT	03/24/92	
12050-WMKS-RC-R-1.4	N-14	1A	2-RC-R-1	B-G-1	B6.10	MT	03/24/92	
12050-WMKS-RC-R-1.4	N-15	1A	2-RC-R-1	B-G-1	B6.10	MT	03/24/92	
12050-WMKS-RC-R-1.4	N-16	1A	2-RC-R-1	B-G-1	B6.10	MT	03/24/92	
12050-WMKS-RC-R-1.4	N-17	1A	2-RC-R-1	B-G-1	B6.10	MT	03/25/92	
12050-WMKS-RC-R-1.4	N-18	1A	2-RC-R-1	B-G-1	B6.10	MT	03/24/92	
12050-WMKS-RC-R-1.4	N-19	1A	2-RC-R-1	B-G-1	B6.10	MT	03/24/92	
12050-WMKS-RH-E-1A	3A	2A		C-B	C2.31	PT	03/26/92	
12050-WMKS-RH-E-1A	3B	2A		C-B	C2.31	PT	03/26/92	
12050-WMKS-RH-E-1B	2-RH-SUPT-OUTLET	2A		F-A	F1.0	VT-3	03/23/92	
12050-WMKS-RH-P-1B	2-RH-FOOT-B	2A		F-A	F1.0	VT-3	03/23/92	
12050-WMKS-RS-P-2A	LS-10	2A		C-C	C6.10	PT	03/01/92	Relief Request NDE-8
12050-WMKS-SI-P-1A	LS-5	2A		C-C	C6.10	PT	03/01/92	Relief Request NDE-9
12050-WMKS-SI-P-1B	2-SI-H-603A	2A		F-B	F2.0	VT-3	02/19/92	
12050-WMKS-SI-TK-2	1	2A		C-A	C1.20	UT	03/09/92	
12050-WMKS-SI-TK-2	2	2A		C-A	C1.20	UT	03/09/92	
12050-WMKS-SI-TK-2	2-SI-LEG-3	2A		F-A	F1.0	VT-3	03/10/92	

* - Indication (the letter refers to the item listed in the Results section Attachment 1 pages 9 thru 10.

The following exams were performed to satisfy NRC commitments from the previous refueling outage. ASME Section XI credit was taken during that outage. These exams will not receive first period credit. The * number refers to the Previous NIS-1 item number in this report, Attachment 1 pages 11 thru 12.

NEW DRAWING NUMBER	NEW MARK NUMBER	OLD DRAWING NUMBER	OLD MARK NUMBER	CLASS	SECT XI CATEGRY	SECT XI ITEM NO.	SECT XI METHOD	EXAM DATE	REMARKS
(Note: drawing 12050-WMKS-107AAG was revised and the new number is 12050-WMKS-105DA)									
12050-WMKS-0105DA	2-WCMU-R- 4	12050-WMKS-0107AAG	2-WCMU-R-34	3A	F-A	F1.0	VT-3	02/20/92	*3
12050-WMKS-0105DA	2-WCMU-R- 5	12050-WMKS-0107AAG	2-WCMU-R-33	3A	F-A	F1.0	VT-3	02/20/92	*3
12050-WMKS-0105DA	2-WCMU-R- 6	12050-WMKS-0107AAG	2-WCMU-R-32	3A	F-A	F1.0	VT-3	02/20/92	*3
12050-WMKS-0105DA	2-WCMU-R- 7	12050-WMKS-0107AAG	2-WCMU-R-31	3A	F-A	F1.0	VT-3	02/20/92	*3
12050-WMKS-0105DA	2-WCMU-R- 8	12050-WMKS-0107AAG	2-WCMU-R-30	3A	F-A	F1.0	VT-3	02/20/92	*3
12050-WMKS-0105DA	2-WCMU-R- 9	12050-WMKS-0107AAG	2-WCMU-R-10	3A	F-A	F1.0	VT-3	02/20/92	*3
12050-WMKS-0105DA	2-WCMU-R-10	12050-WMKS-0107AAG	2-WCMU-R-12	3A	F-A	F1.0	VT-3	02/20/92	*3
12050-WMKS-0105DA	2-WCMU-R-11	12050-WMKS-0107AAG	2-WCMU-R-13	3A	F-A	F1.0	VT-3	02/12/92	*3
12050-WMKS-0105DA	2-WCMU-R-12	12050-WMKS-0107AAG	2-WCMU-R-15	3A	F-A	F1.0	VT-3	02/20/92	*3
12050-WMKS-0105DA	2-WCMU-R-13	12050-WMKS-0107AAG	2-WCMU-R-16	3A	F-A	F1.0	VT-3	02/20/92	*3
12050-WMKS-0105DA	2-WCMU-R-14	12050-WMKS-0107AAG	2-WCMU-R-18A	3A	F-A	F1.0	VT-3	02/20/92	*3

DRAWING NUMBER	MARK NUMBER	SECT XI CLASS	SECT XI CATEGRY	SECT XI ITEM NO.	EXAM METHOD	EXAM DATE	REMARKS
12050-WMKS-0110D	2-RC-R-31	1A	F-C	F3.0	VT-3	04/07/92	*4
11715-WMKS-011BN-3	2-CC-R-417	3A	F-C	F3.0	VT-3	04/15/92	*6
11715-WMKS-011BN-3	2-CC-R-418	3A	F-C	F3.0	VT-3	04/08/91	*7

System Pressure Tests

The following inservice leak test were perform to complete the first period requirements.

2-BD-201 "A" steam generator blowdown, penetration 39, Class 2. Test was completed 2/26/92.

2-BD-202 "B" steam generator blowdown, penetration 40, Class 2. Test was completed 2/26/92.

2-BD-203 "C" steam generator blowdown, penetration 41, Class 2. Test was completed 2/26/92.

2-CA-201 Instrument air supply header, pentration 47, Class 2. Test was completed on 3/10/92.

2-CA-203 Rad. monitor pump supply header, penetration 44, Class 2. Test was completed 3/16/92.

2-CA-204 Rad. monitor pump return header, penetration 43, Class 2. Test was completed 3/16/92.

2-CC-201 Component cooling supply/return to 2-RH-E-1A, Class 2. Test was completed on 3/10/92.

2-CC-202 Component cooling supply/return to 2-RH-E-1B, Class 2. Test was completed on 3/10/92.

2-CC-203 Component cooling supply/return to 2-RC-P-1A, Class 2. Test was completed on 2/26/92.

2-CC-204 Component cooling supply/return to 2-RC-P-1B, Class 2. Test was completed on 2/26/92.

2-CC-205 Component cooling supply/return to 2-RC-P-1C, Class 2. Test was completed on 2/26/92.

2-CC-206 Component cooling return from thermal barriers, pentration 8, Class 2. Test was completed on 2/26/92.

2-CH-201 Emergency borate header, blender, and boric acid filter, Class 2. Test was completed 4/4/92.

2-CH-202 Reactor Coolant Letdown to penetration 28, Class 2. Test was completed 2/26/92.

2-CH-203 Normal charging - pentration 15 to 2-CH-340 and 2-CH-342, Class 2. Test was completed 2/26/92.

2-CH-204 Seal water return from the reactor coolant pumps to pentration 19, Class 2. Test was completed 2/26/92.

2-CH-205 Loop fill - pentration 46 to HCV-2556A, B, C, Class 2. Test was completed 2/26/92.

2-CH-206 Reactor coolant pumps seal injection, Class 2. Test was completed 2/26/92.

2-CV-201 "B" containment vacuum pump suction pentration, Class 2. Test was completed 3/13/92.

2-CV-202 "A" containment vacuum pump suction penetration, Class 2. Test was completed 3/13/92.

2-DA-201 Containment sump pump discharge, penetration 38. Class 2. Test was completed 3/13/92.

2-DA-202 Primary drains transfer pump discharge, penetration 33, Class 2. Test was complete 4/13/92.

2-DA-203 Primary vent header, penetration 48, Class 2. Test was completed 3/15/92.

2-DA-205 Post accident sample system return to containment sump, penetration 111, Class 2. Test was completed 3/17/92.

2-HC-201 Reactor coolant to analyzers, pentration 98A, Class 2. Test was completed 3/16/92.

2-HC-202 Post DBA recombiner return to containment, penetration 31. Test was completed 3/12/92.

2-HC-203 Reactor coolant to analyzers, pentration 105B, Class 2. Test was completed 3/16/92.

2-HC-204 Post DBA recombiner return to containment, penetration 109. Test was completed 3/17/92.

2-HC-205 Containment supply to air sample panel, pentration 98B. Test was completed 3/16/92.

2-LM-201 Leakage monitoring system, pentration 55D, 105A, C, D, 97B, and 57A, Class 2. Test was completed 3/16/92.

2-MS-201 Main steam from 2-RC-E-1A to 2-MS-NRV-201A, Class 2. Test was completed 2/26/92.

2-MS-202 Main steam from 2-RC-E-1B to 2-MS-NRV-201B, Class 2. Test was completed 2/26/92.

2-MS-203 Main steam from 2-RC-E-1C to 2-MS-NRV-201C, Class 2. Test was completed 2/26/92.

2-QS-201 2-QS-P-1A discharge to pentration 64, Class 2. Test was completed on 3/7/92.

2-QS-202 2-QS-P-1B discharge to pentration 63, Class 2. Test was completed on 3/7/92.

2-RC-201 Reactor coolant system, Class 1. Test was completed on 4/21/92.

2-RC-202 PG supply to the PRT, penetration 45, Class 2. Test was completed on 3/10/92.

2-RH-201 Residual heat removal system, Class 2. Test was completed on 3/10/92.

2-RS-203 Recirc. spray to 2-RS-E-1C, penetration 70, Class 2. Test was completed on 3/7/92.

2-RS-204 Recirc. spray to 2-RS-E-1D, penetration 71, Class 2. Test was completed on 3/7/92.

2-RS-205 2-RS-P-3A discharge, Class 2. Test was completed on 3/19/92.

2-RS-206 2-RS-P-3B discharge, Class 2. Test was completed on 3/19/92

2-SI-201 2-SI-TK-1A, Class 2. Test was completed on 2/26/92.

2-SI-202 2-SI-TK-1B, Class 2. Test was completed on 2/26/92.

2-SI-203 2-SI-TK-1C, Class 2. Test was completed on 2/26/92.

2-SI-205 Nitrogen supply to accumulators, PORVs and PRT, penetration 53, Class 2. Test was completed on 2/26/92.

2-SI-206 Inside recirc. spray sump to low head safety injection pumps, Class 2. Test was completed on 3/18/92.

2-SI-207 Accumulator makeup line, penetration 20, Class 2. Test was completed on 3/12/92.

2-SI-208 Accumulator test line, penetration 106, Class 2. Test was completed on 4/14/92.

2-SI-209 2-SI-P-1A discharge and recirc, Class 2. Test was complete on 3/27/92.

2-SI-210 2-SI-P-1B discharge and recirc, Class 2. Test was complete on 3/27/92.

2-SI-211 High head safety injection to cold legs, penetration 22, Class 2. Test was completed on 4/10/92.

2-SI-212 High head safety injection to cold legs, penetration 7, Class 2. Test was completed on 4/10/92.

2-SI-213 High head safety injection to hot legs, penetration 113, Class 2. Test was completed on 4/10/92.

2-SI-214 High head safety injection to hot legs, penetration 114, Class 2. Test was completed on 4/10/92.

2-SI-215 Low head safety injection to hot legs, penetration 60, Class 2. Test was completed on 4/10/92.

2-SI-216 Low head safety injection to hot legs, penetration 61, Class 2. Test was completed on 4/10/92.

2-SI-217 Low head safety injection to hot legs, penetration 62, Class 2. Test was completed on 4/10/92.

2-SW-201 Service water supply/return to the "A" recirc. spray heat exchanger, Class 2. Test was completed on 4/16/92.

2-SW-202 Service water supply/return to the "B" recirc. spray heat exchanger, Class 2. Test was completed on 4/16/92.

2-VP-201 Air ejector vent, penetration 89, Class 2. Test was completed 3/19/92

Snubber Replacements

The following lists the number of snubbers replaced in each system and the reason they were replaced. A total of 81 snubbers were replaced as part of the Tech. Spec. functional test program. Since there were no functional test failures during the last refueling outage, no snubbers had to be removed for retest. A total of 45 snubbers were replaced due to seal life expiring prior to the next scheduled refueling outage. A total of 2 snubbers were replaced per engineering request to resolve various visual anomalies. They were functionally tested and found to be operable.

System	Functional Test Group	Seal Life	Engineering Request
Aux. Feedwater	0	1	0
Blowdown	1	2	0
Chemical & Volume Control	3	0	0
Component Cooling	2	0	0
Decay Heat Release	1	1	0
Feedwater	7	2	1
Fuel Pit Cooling	1	0	0
Main Steam	14	0	0
Quench Spray	1	3	0
Reactor Coolant	33	13	1
Residual Heat Removal	7	4	0
Recirc. Spray	2	1	0
Safety Injection	7	9	0
Steam Drain	0	2	0
Steam Vent	0	6	0
Wet Layup	2	1	0
	81	45	2

Abstract of Examinations

Eddy Current Examination

of

Nonferromagnetic Steam Generator Tubing

STEAM GENERATOR "A"
8TH REFUELING MARCH 1992 OUTAGE

In Steam Generator "A", 3156 tubes were inspected full length with bobbin probes. Eighty eight row two tubes were examined in the U-bend region (tube support 7H to 7C) with RPC probes. Supplemental examinations were also performed using Rotating Pancake, and Profilometry probes where additional confirmatory or other data was desired. Of the tubes examined, 13 had pluggable circumferential indications, 14 had pluggable axial indications, one had a pluggable indication between 90 and 99% through wall, two had pluggable indications between 80 and 89% through wall, two had pluggable indications between 60 and 69% through wall, one had a pluggable indication between 50 and 59% through wall, 10 had pluggable indications between 40 and 49% through wall, 21 had indications between 30 and 39% through wall, 29 had indications between 20 and 29% through wall, four had indications between 10 and 19% through wall. Two additional tubes were plugged as a precautionary measure. A total of 45 tubes were plugged in Steam Generator "A".

UNIT #2 S/G "A" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
3	1	27	1H	
3	1	DIN	2H	
3	1	34	1H	
6	1	21	1C	
5	3	29	1H	
5	3	11	1H	
5	3	15	1H	
13	3	LSC	7H	p***
15	3	27	1C	
18	6	23	1C	
2	7	DIN	1H	
9	9	SCI	1H	P
10	9	SAI	1H	P
8	10	DIN	1H	
19	10	SAI	1H	P
19	10	SCI	1H	P
19	10	PMI	1H	P
4	11	84	1H	P
4	11	92	1H	P
10	11	45	1H	P
10	11	40	1H	P
5	14	SAI	1H	P
5	14	SAI	1H	P
6	14	SCI	TSH	P
6	14	SCI	TSH	P
12	16	SCI	TSH	P
11	17	SAI	1H	P
35	17	24	3H	
9	19	80	1H	p*
8	20	DIN	1H	
28	20	DIN	1H	
29	20	DIN	1H	
12	21	DIN	1H	
12	22	DIN	1H	
13	22	DIN	1H	
15	22	42	1H	p*
15	22	57	1H	p*

UNIT #2 S/G "A" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
16	24	56	1H	P
16	24	PID	1H	P
16	24	80	1H	P
7	25	DI	1H	P**
7	25	DI	2H	P**
7	25	SCI	1H	P**
7	25	MAI	2H	P**
21	27	100	TSH	P
21	27	SAI	TSH	P
21	27	PID	TSH	P
8	29	DIN	1H	
8	29	DIN	2H	
8	29	DIN	3H	
8	29	DIN	4H	
10	29	DI	1H	P
10	29	SCI	1H	P
13	30	40	1H	P
13	30	DIN	2H	P
13	30	32	1H	P
13	30	34	1H	P
31	30	18	AV2	
31	30	18	AV3	
31	30	19	AV4	
35	30	24	AV1	
35	30	23	AV2	
42	30	SAI	1H	P
42	30	PID	1H	P
5	31	DI	1H	P
5	31	DIN	2H	P
5	31	SAI	1H	P
18	31	1.4R	AV2	
34	31	28	AV3	
42	31	24	2C	
8	32	DIN	1H	
10	32	DI	1H	P
10	32	SAI	1H	P
19	32	16	AV2	
7	33	DIN	1H	
10	33	DIN	1H	
[illegible]	33	26	AV1	
34	33	27	AV2	
4	34	DIN	2H	

UNIT #2 S/G "A" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
6	34	DIN	1H	
8	34	DI	1H	P*
8	34	DIN	2H	P*
8	34	DIN	3H	P*
8	34	MCI	1H	P*
11	34	DIN	1H	
11	34	DIN	2H	
3	35	DIN	1H	
14	35	35	TSH	
15	35	SAI	TSH	P
25	35	14	AV3	
34	35	20	AV2	
34	35	25	AV3	
34	35	21	AV4	
44	35	23	1H	P
44	35	SAI	1H	P
6	36	DIN	1H	
8	36	DIN	1H	
8	36	DIN	2H	
8	36	DIN	3H	
10	36	DIN	1H	
33	36	19	AV3	
33	36	21	AV4	
5	37	DI	1H	P
5	37	SCI	1H	P
7	37	DIN	1H	
13	37	DI	1H	P
13	37	SAI	1H	P
7	38	DIN	1H	
10	38	DI	1H	P
10	38	SAI	1H	P
11	38	DI	1H	P
11	38	DIN	2H	P
11	38	SAI	1H	P
26	38	DIN	1H	P
26	38	SCI	TSH	P
33	38	20	AV1	
33	38	25	AV2	
33	38	17	AV3	

UNIT #2 S/G "A" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
41	38	40	AV3	P
41	38	39	AV4	P
41	38	PID	AV3	P
45	38	LSC	7H	P***
23	39	25	AV2	
23	39	24	AV3	
23	39	18	AV4	
34	39	DIN	1H	
16	40	SCI	TSH	P
3	41	DIN	1H	
13	41	DIN	1H	
24	41	23	AV1	
24	41	INR	AV3	
24	41	23	AV4	
28	41	64	1H	P
28	41	33	[illegible]	P
28	41	36	1H	P
37	41	20	AV1	✓
37	41	40	AV2	P
37	41	46	AV3	P
37	41	PID	AV2	P
37	41	PID	AV3	P
33	42	41	AV1	P
33	42	23	AV2	P
33	42	18	AV3	P
33	42	INR	AV4	P
33	42	PID	AV1	P
11	43	46	TSH	P**
11	43	DI	1H	P**
11	43	DI	2H	P**
11	43	SCI	1H	P**
11	43	SCI	2H	P**
11	43	PID	TSH	P**
22	44	20	AV1	
22	44	30	AV2	
22	44	28	AV3	
22	44	INR	AV4	
23	44	INR	AV1	
23	44	23	AV2	
23	44	30	AV3	
23	44	26	AV4	
25	44	24	AV1	
25	44	32	AV2	
25	44	20	AV3	
25	44	29	AV4	

UNIT #2 S/G "A" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
34	44	19	AV2	
34	44	21	AV3	
34	44	26	AV4	
8	45	DI	1H	P*
8	45	DIN	1H	P*
8	45	SCI	1H	P*
22	45	23	AV1	
22	45	39	AV2	
22	45	39	AV3	
22	45	29	AV4	
34	45	21	AV2	
34	45	30	AV3	
34	45	20	AV4	
35	45	28	AV1	
35	45	29	AV2	
35	45	19	AV3	
36	46	34	AV2	
36	46	21	AV3	
36	46	25	AV4	
35	47	23	AV1	
35	47	32	AV2	
35	47	INF	AV2	
35	47	35	AV3	
35	47	28	AV4	
3	48	DIN	1H	
8	48	DIN	1H	
11	48	55	1H	P
11	48	65	1H	P
11	48	PID	1H	P
12	48	DIN	1H	
25	48	19	AV1	
25	48	23	AV2	
25	48	17	AV3	
25	48	INR	AV4	
36	48	31	AV1	P
36	48	44	AV2	P
36	48	35	AV3	P
36	48	26	AV4	P
36	48	PID	AV2	P
35	49	16	AV1	P
35	49	39	AV2	P
35	49	46	AV3	P
35	49	13	AV4	P
35	49	PID	AV3	P
34	50	19	AV1	
34	50	35	AV3	
34	50	23	AV4	

UNIT #2 S/G "A" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
35	50	32	AV2	
35	50	33	AV3	
35	50	30	AV4	
4	51	36	1H	
4	51	34	1H	
6	51	DIN	1H	
34	52	13	AV2	
34	52	32	AV3	
34	52	24	AV4	
36	52	16	AV1	
36	52	33	AV2	
36	52	33	AV3	
36	52	27	AV4	
24	53	16	AV1	
24	53	25	AV4	
24	55	18	AV1	
24	55	32	AV2	
24	55	29	AV3	
36	55	37	AV3	P
36	55	41	AV4	P
36	55	PID	AV4	P
6	57	SAI	2H	P
6	57	PID	2H	P
18	57	22	AV1	
18	57	15	AV2	
25	57	28	AV2	
25	57	21	AV3	
32	57	26	AV2	
32	57	27	AV3	
25	58	DIN	1H	
29	60	16	AV1	
29	60	32	AV2	
29	60	30	AV3	
29	60	29	AV4	
7	61	DIN	1H	
24	61	11	AV1	
24	61	22	AV2	
24	61	20	AV3	
36	61	35	AV3	
36	61	33	AV4	
37	61	DIN	3H	
24	63	21	AV1	

UNIT #2 S/G "A" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
23	66	23	AV2	
23	66	21	AV3	
23	66	15	AV4	
23	67	22	AV1	
23	67	29	AV2	
23	67	31	AV3	
37	67	21	AV2	
37	67	34	AV3	
37	67	20	AV4	
36	68	43	AV3	P
36	68	38	AV4	P
36	68	PID	AV3	P
37	68	25	AV2	P
37	68	47	AV3	P
37	68	19	AV4	P
37	68	PID	AV3	P
18	69	24	AV4	
31	69	22	AV1	
31	69	36	AV2	
31	69	25	AV3	
37	69	37	AV2	
37	69	38	AV3	
37	69	31	AV4	
26	70	10	AV3	
36	71	25	AV2	
36	71	28	AV3	
13	72	SCI	1H	P
12	72	PID	1H	P
3	75	DIN	1H	
24	75	22	AV4	
19	78	DIN	6H	
27	79	21	AV3	
31	82	INF	2C	
11	83	DIN	1H	
3	84	DIN	1H	
28	85	22	2C	
12	87	DI	1H	P
12	87	SAI	1H	P
17	88	DIN	1H	

* = Tubes Stabilized and Plugged
** = Tubes Pulled and Weld Plugged in Hot Leg
*** = Tubes Plugged as a Precautionary Measure

STEAM GENERATOR "B"
8TH REFUELING MARCH 1992 OUTAGE

In Steam Generator "B", 3164 tubes were inspected full length with bobbin probes. Eighty nine row two tubes were examined in the U-bend region (tube support 7H to 7c) RPC probes. Supplemental examinations were also performed using Rotating Pancake, and Profilometry probes where additional confirmatory or other data was desired. Of the tubes examined, eight had pluggable circumferential indications, two had pluggable axial indications, one had a pluggable indication between 60 and 69% through wall, three had pluggable indications between 40 and 49% through wall, nine had indications between 30 and 39% through wall, seven had indications between 20 and 29% through wall, and four had indications between 10 and 19% through wall. A total of 14 tubes were plugged in Steam Generator "B".

UNIT #2 S/G "B" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
26	10	INR	1C	
4	11	SAI	TSH	P
21	11	SCI	1H	P
35	17	SCI	1H	P
35	21	22	AV3	
35	21	26	AV4	
19	22	60	1H	P
19	22	66	1H	P
19	22	58	1H	P
34	23	33	1H	
37	27	INF	AV4	
16	28	DIN	1H	
20	28	DIN	1H	
25	28	34	AV1	
25	28	INR	AV2	
17	29	DIN	1H	
17	29	36	AV2	
19	29	DIN	1H	
20	29	DIN	1H	
20	30	DIN	1H	
34	31	20	AV2	
34	31	38	AV3	
34	31	37	AV4	
35	34	19	AV3	
35	34	17	AV4	
23	36	SCI	TSH	P
22	37	SCI	TSH	P
29	37	42	1K	P
29	37	PID	1H	P
20	40	DIN	1H	
13	41	INF	TSH	
19	41	DIN	1H	
19	42	DIN	1H	
27	42	DIN	1H	
17	43	35	TSH	
17	43	32	TSH	

UNIT #2 S/G "B" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
33	43	17	AV1	
33	43	33	AV2	
33	43	28	AV3	
14	44	SCI	TSH	P*
18	45	SCI	TSH	P
26	45	46	TSH	P
26	45	40	TSH	P
16	46	21	TSH	
16	46	22	TSH	
36	53	INF	AV2	
36	53	24	AV3	
12	58	DI	1H	P
12	58	SAI	1H	P
30	59	22	AV3	
39	59	30	AV3	
39	59	25	AV4	
37	60	33	AV3	
37	60	39	AV4	
15	61	SCI	TSH	P*
25	62	SCI	TSH	P
29	62	40	AV1	P
29	62	24	AV2	P
29	62	29	AV3	P
29	62	22	AV4	P
29	62	PID	AV1	P
21	63	15	AV1	
21	63	28	AV2	
21	63	32	AV3	
21	63	28	AV4	
34	69	14	AV3	
34	69	25	AV4	
36	72	17	AV4	
36	75	24	AV3	
36	75	17	AV4	
15	77	INR	TSC	
28	78	22	AV3	
23	82	DIN	2H	
28	83	10	1C	
17	90	14	1C	

* = Tubes Stabilized and Plugged

STEAM GENERATOR "C "
8TH REFUELING MARCH 1992 OUTAGE

In Steam Generator "C", 3135 tubes were inspected full length with bobbin probes. Seventy row two tubes were examined in the U-bend region (tube support 7H to 7C) with RPC probes. Supplemental examinations were also performed using Rotating Pancake, and Profilometry probes where additional confirmatory or other data was desired. Of the tubes examined 130 had pluggable circumferential indications, 18 had pluggable axial indications, one had a pluggable indication between 80 and 89% through wall, one had a pluggable indication between 70 and 79% through wall, two had pluggable indications between 50 and 59% through wall, three had pluggable indications between 40 and 49% through wall, 12 had indications between 30 and 39% through wall, 12 had indications between 20 and 29% through wall, 11 had indications between 10 and 19% through wall. Thirty six additional tubes were plugged as a precautionary measure. A total of 191 tubes were plugged in Steam Generator "C".

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
3	1	SCI	1H	P
3	1	PID	1H	P
7	1	SCI	2H	P
7	1	PID	2H	P
3	2	DIN	1H	
5	3	DIN	1H	
5	4	DIN	1H	
14	4	DIN	1H	
16	4	DIN	1H	
17	4	DIN	1H	
5	5	DIN	1H	
10	5	DIN	1H	P
10	5	DIN	2H	P
10	5	SAI	1H	P
7	6	DIN	1H	
9	6	DIN	1H	
15	6	LSC	1H	P**
15	6	DIN	1H	P**
16	6	MCI	1H	P
16	6	SCI	1H	P
16	6	PID	1H	P
16	6	PID	1H	P
18	6	DIN	1H	
12	7	LSC	2H	P**
23	7	SCI	1H	P*
23	7	LSC	1H	P*
23	7	LSC	2H	P*
23	7	SCI	4H	P*
23	7	PID	1H	P*
23	7	PID	4H	P*
11	8	LSC	2H	P**
14	8	SCI	2H	P
14	8	DIN	1H	P
14	8	PID	2H	P
19	9	SCI	2H	P
19	9	PID	2H	P
11	10	SCI	2H	P
11	10	PID	2H	P
26	10	LSC	1H	P*
26	10	LSC	2H	P**

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
27	10	LSC	1H	P
27	10	SCI	2H	P
27	10	LSC	2H	P
27	10	PID	2H	P
4	11	DNT	1H	
4	11	DIN	1H	
4	11	DNT	3H	
4	11	DNT	4H	
15	11	LSC	1H	P**
15	11	LSC	2H	P**
15	11	LSC	3H	P**
16	11	DIN	1H	
28	11	LSC	1H	P**
13	12	DIN	1H	
15	12	SCI	1H	P
15	12	PID	1H	P
3	13	DNT	1H	P
3	13	DNT	4H	P
3	13	SCI	1H	P
3	13	PID	1H	P
14	13	SCI	1H	P
14	13	LSC	2H	P
14	13	PID	1H	P
27	13	SCI	1H	P
27	13	PID	1H	P
10	14	SCI	1H	P
10	14	PID	1H	P
16	14	LSC	1H	P**
17	14	SCI	1H	P*
17	14	MCI	1H	P*
17	14	PID	1H	P*
25	14	SCI	1H	P
25	14	SCI	3H	P
25	14	MCI	3H	P
25	14	DI	1H	P
25	14	PID	1H	P
25	14	PID	3H	P
2	15	DNT	2H	P
2	15	DI	2H	P
2	15	SAI	2H	P
2	15	PID	2H	P
10	15	LSC	2H	P**
16	15	LSC	1H	P**
19	16	SCI	1H	P
19	16	PID	1H	P

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
26	16	LSC	1H	P**
30	16	LSC	1H	P**
31	16	SCI	1H	P
31	16	PID	1H	P
32	16	DIN	2H	
30	17	SCI	1H	P*
30	17	PID	1H	P*
3	18	DNT	4H	P
3	18	SCI	4H	P
3	18	PID	4H	P
5	18	SCI	1H	P
5	18	SCM	1H	P
12	18	SCI	2H	P
12	18	PID	2H	P
13	18	LSA	1H	P*
13	18	LSC	1H	P**
13	18	LSC	3H	P
19	18	SCI	2H	P
19	18	PID	2H	P
23	19	SCI	1H	P
23	19	SCI	2H	P
23	19	PID	1H	P
23	19	PID	2H	P
26	19	SCI	2H	P
26	19	PID	2H	P
27	20	LSC	1H	P**
27	20	LSC	2H	P**
3	21	DNT	1H	P*
3	21	DNT	2H	P**
3	21	LSC	1H	P
7	22	LSC	1H	P**
7	22	LSC	2H	P**
8	22	SCI	1H	P
8	22	PID	1H	P
9	22	LSC	1H	P**
25	22	SCI	1H	P
25	22	LSC	1H	P
25	22	LSC	3H	P
25	22	PID	1H	P
29	22	DIN	1H	P**
29	22	LSC	1H	P**
29	22	LSC	1H	P**

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
31	22	SCI	3H	P
31	22	PID	3H	P
37	22	SCI	2H	P
37	22	PID	2H	P
2	23	DNT	1H	P
2	23	DNT	2H	P
2	23	DNT	3H	P
2	23	SAI	1H	P
2	23	PID	1H	P
3	23	DNT	1H	P*
3	23	DNT	2H	P*
3	23	DNT	3H	P*
3	23	DNT	4H	P*
3	23	SCI	1H	P*
3	23	PID	1H	P*
24	23	MAI	3H	P
24	23	SCI	3H	P
24	23	PID	3H	P
30	23	MCI	1H	P
30	23	PID	1H	P
32	23	SCI	2H	P
32	23	PID	2H	P
25	24	LSC	1H	P*,**
30	24	DIN	3H	P**
30	24	LSC	2H	P**
32	24	SCI	1H	P
32	24	SCM	1H	P
39	24	LSC	5H	P**
16	25	SCI	1H	P
16	25	PID	1H	P
21	25	SCI	1H	P
21	25	PID	1H	P
23	25	LSC	2H	P**
24	25	SCI	1H	P
24	25	PID	1H	P
25	25	SCI	1H	P
25	25	PID	1H	P
36	25	21	AV2	
37	25	SCI	1H	P
37	25	PID	1H	P
9	26	SCI	1H	P
9	26	PID	1H	P

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
13	26	SCI	2H	P
13	26	PID	2H	P
14	26	SCI	1H	P
14	26	PID	1H	P
20	26	30	TSH	
25	26	SCI	1H	P
25	26	SCI	2H	P
25	26	PID	1H	P
25	26	PID	2H	P
26	26	LSC	1H	P*,**
39	26	32	AV2	
39	26	26	AV3	
12	27	SCI	1H	P
12	27	SCI	2H	P
12	27	PID	1H	P
12	27	PID	2H	P
4	28	SCI	1H	P
4	28	PID	1H	P
14	28	18	TSH	
18	28	SCI	2H	P
18	28	PID	2H	P
31	28	PMI	2H	P
31	28	SAI	2H	P
31	28	SCI	2H	P
31	28	SCI	3H	P
31	28	PID	2H	P
31	28	PID	3H	P
24	29	SCI	1H	P
24	29	PID	1H	P
25	29	SCI	1H	P
25	29	PID	1H	P
27	29	SAI	2H	P
27	29	SCM	2H	P
30	29	25	2H	P
30	29	SCI	2H	P
30	29	PID	2H	P
31	29	SCI	1H	P
31	29	SCI	1H	P
2	30	SCI	1H	P
2	30	PID	1H	P
10	30	SCI	2H	P
10	30	PID	2H	P
9	31	SCI	1H	P
9	31	PID	1H	P

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
10	31	DIN	2H	
14	31	TIN	TSH	
15	31	18	TSH	
39	31	32	AV2	
39	31	27	AV3	
3	32	SCI	1H	P
3	32	PID	1H	P
10	32	SCI	1H	P
10	32	PID	1H	P
17	32	SCI	1H	P
17	32	PID	1H	P
23	32	SCI	1H	P
23	32	SCI	3H	P
23	32	DI	1H	P
23	32	PID	1H	P
23	32	PID	3H	P
28	32	SCI	1H	P
28	32	LSC	1H	P
28	32	PID	1H	P
7	33	LSC	2H	P**
10	33	SCI	1H	P*
10	33	PID	1H	P*
12	33	27	TSC	
13	33	10	TSC	
16	33	73	TSH	P
16	33	PID	TSH	P
17	33	11	TSC	
22	33	15	TSC	
23	33	36	TSH	P
23	33	39	TSH	P
23	33	SCI	1H	P
23	33	PID	1H	P
28	33	LSC	1H	P*
28	33	LSC	2H	P**
2	34	SCI	1H	P
2	34	PID	1H	P
6	34	LSC	1H	P**
6	34	LSC	3H	P**
16	34	35	TSH	P
16	34	LSC	1H	P
16	34	SCI	1H	P
16	34	SCM	1H	P

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
17	34	16	TSC	P
17	34	SCI	1H	P
17	34	PID	1H	P
18	34	27	TSH	
20	34	44	TSH	P
20	34	PID	TSH	P
24	34	SCI	1H	P
24	34	PID	1H	P
18	35	28	TSH	P**
18	35	LSC	3H	P**
20	35	37	TSH	
3	36	SCI	1H	P
3	36	PID	1H	P
12	36	SCI	1H	P
12	36	SCI	2H	P
12	36	PID	1H	P
12	36	PID	2H	P
13	36	24	TSH	
18	36	26	TSH	P
18	36	35	TSH	P
18	36	MCI	1H	P
18	36	PID	1H	P
19	36	25	TSH	
29	36	28	AV3	
42	36	LSC	1H	P**
42	36	LSC	2H	P**
4	37	80	1H	P
4	37	74	1H	P
4	37	PID	1H	P
5	37	LSC	1H	P*,**
11	37	DIN	1H	
11	37	DIN	2H	
23	37	16	AV2	
3	38	SAI	2H	P
3	38	PID	2H	P
7	38	DIN	1H	
19	38	SCI	2H	P
19	38	PID	2H	P
20	38	SCI	2H	P
20	38	PID	2H	P

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
28	38	48	TSH	P
28	38	PID	TSH	P
28	38	54	TSH	P
2	39	SCI	1H	P
2	39	PID	1H	P
5	39	DIN	1H	
18	39	43	TSH	P
18	39	PID	TSH	P
23	39	SCI	2H	P
23	39	PID	2H	P
24	39	21	AV2	P
24	39	24	AV3	P
24	39	SCI	1H	P
24	39	PID	1H	P
42	39	SCI	1H	P**
14	40	SCI	2H	P
18	40	SCI	1H	P
18	40	SCI	2H	P
18	40	PID	1H	P
18	40	PID	2H	P
18	41	29	TSH	P
18	41	MCI	1H	P
18	41	SCI	2H	P
18	41	PID	1H	P
18	41	PID	2H	P
20	41	SCI	2H	P
20	41	PID	2H	P
23	41	16	AV2	
23	41	26	AV3	
39	41	SCI	1H	P
39	41	PID	1H	P
3	42	SAI	3H	P
3	42	PID	3H	P
8	42	SAI	1H	P
8	42	PID	1H	P
12	42	LSC	1H	P**
17	42	34	TSH	P
17	42	SAI	3H	P
17	42	PID	3H	P
19	42	39	TSH	
45	42	SCI	1H	P
45	42	SCI	2H	P
45	42	PID	1H	P

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
10	43	SCI	1H	P
10	43	PID	1H	P
11	43	SCI	1H	P
11	43	PID	1H	P
33	43	INR	AV1	
33	43	19	AV2	
43	43	SAI	3H	P
43	43	PID	3H	P
45	43	12	1C	
9	44	SCI	1H	P
8	44	PID	1H	P
25	44	SCI	TSH	P
25	44	PID	TSH	P
28	44	16	TSH	P
28	44	SCI	2H	P
28	44	PID	2H	P
31	44	SCI	2H	P
31	44	PID	2H	P
3	45	DIN	1H	
25	45	SCI	TSH	P
25	45	PID	TSH	P
30	45	SAI	1H	P
30	45	PID	1H	P
6	46	SCI	1H	P
6	46	PID	1H	P
18	46	SCI	1H	P
18	46	PID	1H	P
20	46	SAI	1H	P*
20	46	SCI	1H	P*
20	46	PID	1H	P*
24	46	SCI	TSH	P
24	46	PID	TSH	P
46	47	SAI	1H	P
46	47	PID	1H	P
22	48	LSC	7H	P*,**
27	48	SAI	1H	P
27	48	PID	1H	P
28	48	SCI	2H	P
28	48	PID	2H	P
35	48	SAI	4H	P
35	48	PID	4H	P

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
45	48	LSC	1H	P**
28	49	SCI	1H	P*
28	49	PID	1H	P*
29	49	LSC	1H	P**
35	49	SCI	2H	P
36	49	SCI	2H	P
36	49	PID	2H	P
19	50	50	TSH	P
19	50	PID	TSH	P
22	50	SCI	3H	P
22	50	PID	3H	P
27	50	LSC	1H	P*
27	50	LSC	3H	P**
38	50	SCI	1H	P
38	50	PID	1H	P
8	51	SCI	1H	P
8	51	SCM	1H	P
18	51	SCI	1H	P
18	51	PID	1H	P
21	51	16	TSH	
27	51	24	AV3	
27	51	30	AV4	
32	51	SCI	2H	P
32	51	PID	2H	P
18	52	SCI	1H	P
18	52	PID	1H	P
20	52	SCI	1H	P
20	52	PID	1H	P
34	52	SCI	2H	P
34	52	PID	2H	P
17	53	INF	AV1	
17	53	19	AV2	
17	53	21	AV3	
17	53	17	AV4	
19	53	LSC	1H	P*
19	53	SCI	2H	P*
19	53	PID	2H	P*
12	54	SCI	1H	P
12	54	PID	1H	P
29	54	SAI	1H	P
29	54	PID	1H	P

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
37	54	SCI	1H	P
37	54	PID	1H	P
19	55	MCI	1H	P*
19	55	LSC	2H	P*
19	55	PID	1H	P*
31	55	SAI	2H	P
31	55	SCM	2H	P
18	56	SCI	1H	P*
18	56	PID	1H	P*
29	56	21	AV3	
44	56	32	TC	
33	57	22	AV1	
33	57	18	AV2	
33	57	26	AV3	
33	57	28	AV4	
33	57	23	AV1	
33	57	19	AV2	
33	57	26	AV3	
33	57	28	AV4	
15	58	SCI	1H	P
15	58	PID	1H	P
20	58	SCI	1H	P
20	58	PID	1H	P
27	58	LSC	1H	P**
20	59	SAI	2H	P
20	59	SCM	3H	P
16	60	SCI	1H	P
16	60	PID	1H	P
17	60	SAI	1H	P
17	60	PID	1H	P
39	60	35	AV1	
39	60	36	AV2	
39	60	32	AV3	
42	60	31	AV3	
42	60	32	AV4	
24	61	LSC	1H	P**
27	61	SCI	2H	P
27	61	PID	2H	P
29	62	24	AV1	
29	62	36	AV2	
29	62	29	AV3	
32	62	SCI	1H	P
32	62	SCM	1H	P

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
18	63	SCI	2H	P*
18	63	LSC	5H	P*
18	63	PID	2H	P*
23	63	34	TSH	
35	63	SCI	2H	P
35	63	PID	2H	P
17	64	TIN	TSH	
23	64	SAI	1H	P
23	64	SCI	1H	P
23	64	SAI	3H	P
23	64	PID	3H	P
12	65	SCI	1H	P
12	65	PID	1H	P
16	65	TIN	TSH	
19	65	22	TSH	
20	65	SCI	2H	P
20	65	PID	2H	P
8	66	MCI	1H	P
8	66	PID	1H	P
17	66	DIN	1H	
27	66	DIN	2H	
30	66	DIN	3H	
31	66	DIN	[illegible]	
35	66	SCI	1H	P
35	66	SCI	2H	P
35	66	PID	1H	P
35	66	PID	2H	P
19	67	SCI	1H	P
19	67	PID	1H	P
36	67	SCI	2H	P
36	67	PID	2H	P
17	68	MCI	1H	P
17	68	PID	1H	P
21	69	SCI	2H	P
21	69	PID	2H	P
30	69	SCI	2H	P
30	69	PID	2H	P
34	69	37	AV1	
34	69	3[illegible]	AV2	
38	71	17	1H	

UNIT #2 S/G "C" EXAMINATION SUMMARY

Row	Col	Ind	Locn	Remarks
33	72	LSC	1H	P**
33	72	LSA	1H	P**
32	74	SCI	1H	P
32	74	PID	1H	P
36	74	SCI	1H	P
36	74	PID	1H	P
31	76	4O	1H	P
31	76	3B	1H	P
31	76	PID	1H	P
X	77	MCI	1H	P
27	80	SCI	1H	P
27	80	PID	1H	P
29	82	SCI	2H	P
29	82	PID	2H	P
31	82	DI	2H	P
31	82	SAI	2H	P
31	32	PID	2H	P
20	87	SCI	1H	P
20	87	SCI	2H	P
20	87	PID	1H	P
20	87	PID	2H	P
21	88	INR	1C	
6	93	INR	1C	

* = Tubes Stabilized and Plugged

** = Tubes Plugged as a Precautionary Measure

STEAM GENERATOR EDDY CURRENT TUBE INSPECTION

GLOSSARY OF TERMS

1) COI - Circumferentially Oriented Indication - describes a circumferentially oriented indication signal from Rotating Pancake probe data - either single or multiple signals - SCI or MCI will be used if it is possible to clearly detect the number of signals present.

2) DI - Distorted indication - a possible tube wall loss condition that is unquantifiable with a numeric percent call due to the existing signal characteristics.

3) DIN - Distorted Indication Not Confirmed - a possible tube wall loss condition that is unquantifiable with a numeric percent call due to the existing signal characteristics which was tested by the RPC probe and was not confirmed.

4) DNT - DENT - the tube has been deformed inward to a reduced diameter condition from that of a nominal tube - often located at an interference such as a tube support plate.

5) INF - Indication Not Found - indicates that a previously reported Indication, from current inspection data or historical data, is not found in the data being analyzed - also used to address the case where a tube/signal is being retested for positive identification (PID) and the retest data does not show any signal present.

6) INR - Indication Not Reportable - indicates that a very small tube wall loss condition exists in the data being analyzed that is below the reportable criteria threshold for this specific inspection - can be used to address indications called in previous inspections that are still detectable but fall below current criteria.

7) LSA - LIFTOFF SIGNAL AXIAL - liftoff signal that may contain possible axial degradation based on visual examination of the RPC 3-d terrain plot (C-SCAN).

8) LSC - LIFTOFF SIGNAL CIRCUMFERENTIAL - liftoff signal that may contain possible circumferential degradation based on visual examination of the RPC 3-d terrain plot (C-SCAN)

9) MAI - Multiple Axial Indication - describes multiple axially

oriented indication signals from Rotating Pancake probe data.

10) MCI - Multiple Circumferentially oriented Indication - describes multiple circumferentially oriented indication signals from Rotating Pancake probe data - COI is used if it is impossible to clearly detect the number of signals present.

11) PI - Possible Indication (retest) - generally used with 8x1 analysis, sometimes with bobbin analysis - describes a potential wall loss condition signal that typically requires a retest for verification - sometimes retested with a special probe, e.g., MRPC, etc.

12) PID - Positive Identification - verification of a previously reported tube ROW COL identifier and signal - achieved through analysis of a second set of test data - typically used to verify pluggable tube signals - INF is used to describe the condition where a signal is not detectable upon analysis of the second set of data.

13) PMI - POSSIBLE MIXED MODE INDICATION - used when there is a possible circumferential and axial indication at the same intersection

14) RSP - Restricted Support Plate - indicates that the RPC probe listed in the record would not physically pass the location specified or data could not be collected due to denting at the support.

15) RST - Restricted - indicates that the probe listed in the record would not physically pass the location specified.

16) SAI - Single Axial Indication - describes a single axially oriented signal from Rotating Pancake probe data.

17) SCI - Single Circumferentially oriented Indication - describes a single circumferentially oriented indication signal from Rotating Pancake probe data - COI is used if it is impossible to clearly detect the number of signals present.

18) SCM - SEE COMMENTS - instructs the reader to derive the meaning of the record from the text phrases in the COMMENTS field of the SUPERTUBIN (WESTINGHOUSE DATA MANAGEMENT SOFTWARE) data record - typically used for new and non-standard analysis results, e.g., avb geometry analysis that can not be handled with existing terms in the SUPERTUBIN REPORT USERS GUIDE.

19) TIN - Tubesheet Indication Not Confirmed - a possible tube wall

loss condition that is unquantifiable with a numeric percent call due to the existing signal characteristics which was noted by the RPC probe and not confirmed.

20) TIU - Tube I.D. Uncertain - (retest) - indicates that the ROW and/or COL identifier for a given tube is in doubt and that the tube must be retested.

21) 55 - A number in the indication column shows the % thru wall depth of the indication.

22) TEH - Tube End Hot leg.

23) TEC - Tube End Cold leg.

24) TSH - Top of Tubesheet Hot leg.

25) TSC - Top of Tubesheet Cold leg.

26) #C, #H - (# = number) of Support Plate Hot or Cold leg. e.g., 3H, 6H, 7C.

27) AV1, AV2, AV3, AV4 - Anti-Vibration Bars 1 thru 4.

28) "P" in "Remarks" column indicates a plugged tube, no comment in the remarks column indicates the tube is still in service.