

VERMONT YANKEE POWER CORPORATION
1990 INSERVICE INSPECTION SUMMARY REPORT
SEPTEMBER 1, 1990 THROUGH OCTOBER 12, 1990

Prepared by: *Dennis C. Davis*
PLANT INSERVICE INSPECTION COORDINATOR

Approved By: *David A. Phillips*
ENGINEERING SUPPORT SUPERVISOR

VERMONT YANKEE NUCLEAR POWER CORPORATION
1990 INSERVICE INSPECTION SUMMARY REPORT
SEPTEMBER 1, 1990 THROUGH OCTOBER 12, 1990

1. INTRODUCTION

The attached Form NIS-1, "Owner's Data Report for Inservice Inspection", describes the inservice inspections performed during 1990 at the Vermont Yankee Nuclear Power Station, Vernon, Vermont. The examinations performed were those of the first outage of the third period of the second ten-year interval. The nondestructive examination procedures used for inservice inspection were in accordance with the ASME Boiler and Pressure Vessel Code, Section XI, 1980 Edition, Winter 1980 Addenda as referenced in the plant Technical Specifications. The areas subject to examination and the method used were in accordance with the Vermont Yankee Inservice Inspection Program and the plant Technical Specifications. This report summarizes the components examined, the types of examinations, the non-conforming conditions noted, and the corrective actions taken. Ultrasonic, liquid penetrant, magnetic particle, and visual examination techniques were employed to perform the required examinations.

2. EXAMINATION METHODS

Nondestructive examinations were performed in accordance with the procedures contained in the Yankee Atomic Electric Company Engineering Guidelines, Book III, "Inservice Inspection NDE Procedures", or vendor procedures reviewed and approved by Yankee Atomic Electric Company. The examination procedures were reviewed and approved by personnel qualified to SNT-TC-1A, Level III. These procedures conform to the requirements of ASME Section XI, 1980 Edition, Winter 1980 Addenda. The inservice examinations were performed and evaluated by personnel qualified as provided for in Section XI. The procedures used for these examinations are listed in Section 10 of the NIS-1 Form.

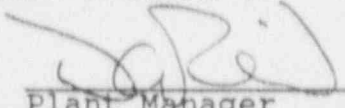
3. EVALUATION OF DATA

The examination results were reviewed at the site by personnel qualified to at least Level II in the examination discipline. Indications were evaluated to the acceptance standards defined in the Vermont Yankee Nuclear Power Station Technical Specifications.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

1. Owner VERMONT YANKEE NUCLEAR POWER CORP., R.D.5, BOX 169, FERRY ROAD, BRATTLEBORO, VT. 05254
2. Plant VERMONT YANKEE NUCLEAR POWER STATION, P.O. BOX 157, VERNON, VT. 05354
3. Plant Unit = 4. Owner Certificate of Authorization DPR-28
5. Commercial Service Date 11/30/72 6. National Board Number NONE
7. Components Inspected SEE ATTACHED
8. Examination Dates SEPTEMBER 1, 1990 TO OCTOBER 12, 1990
9. Inspection Interval From 5/1/83 To 11/30/92
10. Abstract of Examinations SEE ATTACHED
11. Abstract of conditions noted SEE ATTACHED
12. Abstract of corrective measures taken SEE ATTACHED

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date 1/2/91 1990 Signed Vermont Yankee N.P.C. By 

Plant Manager

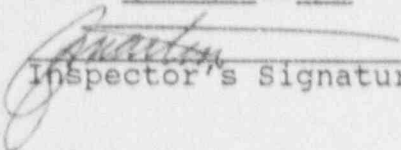
Certificate of Authorization No. DPR-28 Expiration Date 12/11/2007

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Vermont and employed by H.S.B. I. & I. Co. of Hartford, Connecticut have inspected the components described in this Owner's Data Report during the period September 1, 1990 to October 12, 1990, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Data Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Data Report. Furthermore, neither, the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 1/4 1991


Inspector's Signature

Commissions VT 598

National Board, State, Province, and No.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
B-D	N3C,N3D	UT	MS	H-22	Accepted
B-D	N3C,N3D-IR	UT	MS	H-22	Accepted
B-D	N-10	UT	RPV	H-22	Accepted
B-D	N-10 IR	UT	RPV	H-22	Accepted
B-D	N6A,N7,N6B NOZ-SHL	UT	RPV	H-22	Accepted
B-D	N6A-IR,N7-IR,N6B-IR	UT	RPV	H-22	Accepted
B-E	18-23	VT	CRD	H-25, H-26	Accepted
B-E	22-19	VT	CRD	H-25, H-26	Accepted
B-E	26-27	VT	CRD	H-25, H-26	Accepted
B-E	30-35	VT	CRD	H-25, H-26	Accepted
B-E	34-31	VT	CRD	H-25, H-26	Accepted
B-E	42-19	VT	CRD	H-25, H-26	Accepted
B-F	N2F,H,J,K SE	UT	RECIRC	5920-6622	Accepted
B-F	N2F-SE	PT	RECIRC	5920-6622	Accepted
B-F	N2H-SE	PT	RECIRC	5920-6622	Accepted
B-F	N2J-SE	PT	RECIRC	5920-6622	Accepted
B-F	N2K-SE	PT	RECIRC	5920-6622	Accepted
B-G-1	PMP A,PMP B BLTS	VT	RECIRC	H-27	Accepted
B-G-1	NUTS 29-34	MT	RPV	5920-485	Accepted
B-G-1	NUTS 35, 43-46	MT	RPV	5920-485	Accepted
B-G-1	NUTS 6-11, 27-28	MT	RPV	5920-485	Accepted
B-G-1	NUTS 61-64	MT	RPV	5920-485	Accepted
B-G-1	WSRS 27,28,29,30,31,32	VT	RPV	H-21	Accepted
B-G-1	WSRS 33,34,35,43,44,45	VT	RPV	H-21	Accepted
B-G-1	WSRS 46,61,62,63,64	VT	RPV	H-21	Accepted
B-G-1	WSRS 6,7,8,9,10,11	VT	RPV	H-21	Accepted
B-G-2	V14-14B	VT	CS A	H-11	Accepted
B-G-2	V2-29A	VT	FW A	H-7	Accepted
B-G-2	V2-96A	VT	FW B	H-8	Accepted
B-G-2	V2-86B	VT	MS B	H-15	Accepted
B-G-2	RV2-71C	VT	MS C	H-16	Accepted
B-G-2	CRD HOUSING BOLTS (96)	VT	CRD	H-26	See Corrective Action #5

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 3 Of 16

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
B-G-2	V2-86C	VT	MS C	H-16	Accepted
B-G-2	V2-86D	VT	MS D	H-17	Accepted
B-G-2	V12-18	VT	RCU	H-13	Accepted
B-G-2	V2-54A	VT	RECIRC	5920-6622	Accepted
B-G-2	V2-54B	VT	RECIRC	5920-6622	Accepted
B-G-2	V10-18	VT	RHR A	H-4	Accepted
B-G-2	V10-27B	VT	RHR B	H-5	Accepted
B-G-2	N6B BLTG	VT	RPV	H-22	Accepted
B-H	90 DEG STAB BRKT	PT	RPV	5920-257	Accepted
B-J	CSB-F3A	PT	CS B	H-12	Accepted
B-J	CSB-F3A, CSB-F5A	UT	CS B	H-12	Accepted
B-J	CSB-F5A	PT	CS B	H-12	Accepted
B-J	16-F8A, 16-F9, 16-F9A	UT	FW A	H-7	Accepted
B-J	16-F8A, 16-F9, 16-F9A, F9B	PT	FW A	H-7	Accepted
B-J	17-F5A, 17-F6, 17-F6A	UT	FW B	H-8	Accepted
B-J	17-F5A, 17-F6, 17-F6A, F6B	PT	FW B	H-8	Accepted
B-J	N4C-SW	MT	FW B	H-8	Accepted
B-J	N4C-SW	UT	FW B	H-8	Accepted
B-J	N4D-SW	MT	FW B	H-8	Accepted
B-J	N4D-SW	UT	FW B	H-8	Accepted
B-J	F2A	MT	HPCI	H-20	Accepted
B-J	F2A	UT	HPCI	H-20	Accepted
B-J	F5A	MT	HPCI	H-20	Accepted
B-J	F5A	UT	HPCI	H-20	Accepted
B-J	A5J	MT	MS A	H-14	Accepted
B-J	A5J	UT	MS A	H-14	Accepted
B-J	B7	MT	MS B	H-15	Accepted
B-J	B7	UT	MS B	H-15	Accepted
B-J	B7A	MT	MS B	H-15	Accepted
B-J	B7A	UT	MS B	H-15	Accepted
B-J	C7D	MT	MS C	H-16	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Components Inspected / Abstract of Examinations
Section 7/10

Code Cat	Item ID	Exam System	Drawing	Results
B-J	C7D	MS C	H-16	Accepted
B-J	AD-8	RECIRC	5920-6622	Accepted
B-J	AD-8	RECIRC	5920-6622	Accepted
B-J	AS-6, AS-7	RECIRC	5920-6622	Accepted
B-J	AS-6, AS-7	RECIRC	5920-6622	Accepted
B-J	N2C-1	RECIRC	5920-6622	Accepted
B-J	N2C-1, N2C-2	RECIRC	5920-6622	Accepted
B-J	N2C-2	RECIRC	5920-6622	Accepted
B-J	28-20	RHR	H-6	Accepted
B-J	28-20	RHR	H-6	Accepted
B-J	33-15	RHR	H-4	Accepted
B-J	33-15, 33-16	RHR	H-4	Accepted
B-J	33-16	RHR	H-4	Accepted
B-0	34-39 STUB, 34-39 FLG	CRD	H-25, H-26	Accepted
C-A	A-HTEX10-1	RHR	I-20	Accepted
C-C	H-55	CS B	I-6B	Accepted
C-C	H-55	CS B	I-6B	Accepted
C-C	HD-85C (4 LUGS)	CS B	I-6B	Accepted
C-C	H-26	HPCI	I-5	Accepted
C-C	A-RHR-CC-2	RHR	I-21	Accepted
C-C	HD-127D	RHR	I-9	Accepted
C-C	P-10-1A (4 ATTACH)	RHR	I-8	Accepted
C-C	P-10-1D (4 ATTACH)	RHR	I-9	Accepted
C-F-2	CR4A-T5	CRD	I-19	Accepted
C-F-2	CR4A-T5	CRD	I-19	Accepted
C-F-2	CR6-S22	CRD	I-24	Accepted
C-F-2	CR6-S22	CRD	I-24	Accepted
C-F-2	CS1B-S26A	CS B	I-6D	Accepted
C-F-2	CS1B-S26A	CS B	I-6D	Accepted
C-F-2	CS6B-S120	CS B	I-6B	Accepted
C-F-2	CS6B-S120	CS B	I-6B	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 5 Of 16

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
C-F-2	FW16-S3	MT	FW A	I-27	Accepted
C-F-2	FW16-S3	UT	FW A	I-27	Accepted
C-F-2	HP1-T14	MT	HPCI	I-5A	Accepted
C-F-2	HP1-T14	UT	HPCI	I-5A	Accepted
C-F-2	HP4-S67	MT	HPCI	I-5B	Accepted
C-F-2	HP4-S67	UT	HPCI	I-5B	Accepted
C-F-2	MS4B-S193	MT	HPCI	I-2	Accepted
C-F-2	MS4B-S193	UT	HPCI	I-2	Accepted
C-F-2	AC15-T65	MT	PCAC	I-33	Accepted
C-F-2	AC15-T65	UT	PCAC	I-33	Accepted
C-F-2	AC5-T34	MT	PCAC	I-32	Accepted
C-F-2	AC5-T34	UT	PCAC	I-32	Accepted
C-F-2	SG1B-S85	MT	PCAC	I-35	Accepted
C-F-2	SG1B-S85	UT	PCAC	I-35	Accepted
C-F-2	RH14-S356	MT	RHR	I-16	Accepted
C-F-2	RH14-S356	UT	RHR	I-16	Accepted
C-F-2	RH1A-S4	MT	RHR	I-7A	Accepted
C-F-2	RH1A-S4	UT	RHR	I-7A	Accepted
C-F-2	RH2A-S87	MT	RHR	I-8	Accepted
C-F-2	RH2A-S87	UT	RHR	I-8	Accepted
C-F-2	RH39-S436	MT	RHR	I-18	Accepted
C-F-2	RH39-S436	UT	RHR	I-18	Accepted
C-F-2	RH3A-T129	MT	RHR	I-10A	Accepted
C-F-2	RH3A-T129	UT	RHR	I-10A	Accepted
C-F-2	RH40-S437	MT	RHR	I-17	Accepted
C-F-2	RH40-S437	UT	RHR	I-17	Accepted
C-F-2	RH8-S234	MT	RHR	I-12	Accepted
C-F-2	RH8-S234	UT	RHR	I-12	Accepted
C-F-2	RH9-S321	MT	RHR	I-15	Accepted
C-F-2	RH9-S321	UT	RHR	I-15	Accepted
F-A	P-10-1A	VT	RHR	I-8	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 6 Of 16

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
F-A	P-10-1D	VT	RHR	I-9	Accepted
F-C	H-5/SDV-S-R11	VT	CRD	I-23/5920-9528	Accepted
F-C	HD-102/SDV-N-R09	VT	CRD	I-23/5920-9527	Accepted
F-C	HD-108/SDV-N-R04	VT	CRD	I-23/5920-9527	Accepted
F-C	HD-113/SDV-N-R01	VT	CRD	I-23/5920-9527	Accepted
F-C	HD-116/SDV-N-R02	VT	CRD	I-23/5920-9527	Accepted
F-C	HD-117/SDV-N-R05	VT	CRD	I-23/5920-9527	Accepted
F-C	HD-118/SDV-N-R06	VT	CRD	I-23/5920-9527	Accepted
F-C	HD-12/SDV-S-R03	VT	CRD	I-23/5920-9528	Accepted
F-C	HD-23/SDV-S-R10	VT	CRD	I-23/5920-9528	Accepted
F-C	HD21/SDV-S-R09	VT	CRD	I-23/5920-9528	Accepted
F-C	S-H01	VT	CRD	I-25	Accepted
F-C	SDV-N-A01	VT	CRD	I-19	Accepted
F-C	SDV-S-A01	VT	CRD	I-19	See Corrective Action #2
F-C	SDV-S-R01	VT	CRD	I-19	See Corrective Action #2
F-C	H-47	VT	CS A	I-6A	Accepted
F-C	H-54	VT	CS A	I-6A	Accepted
F-C	HD-89	VT	CS A	I-6A	Accepted
F-C	H-55	VT	CS B	I-6B	Accepted
F-C	HD 85C	VT	CS B	I-6B	Accepted
F-C	HD-57A	VT	CS B	I-6C	Accepted
F-C	H-88	VT	CST	I-31	Accepted
F-C	HD 58C	VT	CST	I-31	Accepted
F-C	HD 58F	VT	CST	I-31	Accepted
F-C	HD-58A/V5	VT	CST	I-31	Accepted
F-C	CUN-HD-49E	VT	FPC	D-7	Accepted
F-C	CUN-HD-49H	VT	FPC	D-7	Accepted
F-C	FW-11	VT	FW A	H-7	Accepted
F-C	FW-19	VT	FW B	H-8	Accepted
F-C	FW-21	VT	FW B	H-8	Accepted
F-C	FW-22	VT	FW B	H-8	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 7 Of 16

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
F-C	H-103B	VT	HPCI	I-2	Accepted
F-C	H-13	VT	HPCI	I-2	Accepted
F-C	H-22	VT	HPCI	I-5C	Accepted
F-C	H-24	VT	HPCI	I-5	Accepted
F-C	H-26	VT	HPCI	I-5	Accepted
F-C	H-31	VT	HPCI	I-4	Accepted
F-C	H-35	VT	HPCI	I-4	Accepted
F-C	H-39	VT	HPCI	I-3	Accepted
F-C	H-5	VT	HPCI	I-2	See Corrective Action #2
F-C	H-6	VT	HPCI	I-2	Accepted
F-C	H-8	VT	HPCI	I-2	Accepted
F-C	H-85	VT	HPCI	I-5B	Accepted
F-C	H-A19	VT	HPCI	I-2	Accepted
F-C	H108	VT	HPCI	I-3	Accepted
F-C	HD-102-EN	VT	HPCI	I-2	Accepted
F-C	HD-102DN	VT	HPCI	I-2	See Corrective Action #4
F-C	HD-103A	VT	HPCI	I-2	Accepted
F-C	HD-103FN	VT	HPCI	I-2	Accepted
F-C	HD-103GN	VT	HPCI	I-2	Accepted
F-C	HD-108B	VT	HPCI	I-3	See Corrective Action #3
F-C	HD-110	VT	HPCI	I-5A	Accepted
F-C	HD-13B	VT	HPCI	I-2	Accepted
F-C	HD-13D	VT	HPCI	I-2	Accepted
F-C	HD-22A	VT	HPCI	I-5C	Accepted
F-C	HD-22B	VT	HPCI	I-4	Accepted
F-C	HD-22D	VT	HPCI	I-4	Accepted
F-C	HD-24	VT	HPCI	I-5	Accepted
F-C	HD-26A	VT	HPCI	I-5	Accepted
F-C	HD-26B	VT	HPCI	I-5	Accepted
F-C	HD-28	VT	HPCI	I-5C	Accepted
F-C	HD-35C	VT	HPCI	I-4	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 8 Of 16

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
F-C	HD-6	VT	HPCI	I-2	Accepted
F-C	HD-8A	VT	HPCI	I-2	Accepted
F-C	HD-8C	VT	HPCI	I-2	Accepted
F-C	MS-21	VT	MS C	H-16	Accepted
F-C	MS-23	VT	MS C	H-16	Accepted
F-C	MS-34	VT	MS D	H-17	Accepted
F-C	H-204	VT	PCAC	I-32	Accepted
F-C	H-22	VT	PCAC	I-32	Accepted
F-C	H-26	VT	PCAC	I-32	Accepted
F-C	H-28	VT	PCAC	I-33	Accepted
F-C	H-34	VT	PCAC	I-32	Accepted
F-C	HD-199	VT	PCAC	I-32	Accepted
F-C	HD-202A	VT	PCAC	I-34	Accepted
F-C	HD-203B/V3	VT	PCAC	I-35	Accepted
F-C	HD-205/V2	VT	PCAC	I-34	Accepted
F-C	HD-32B	VT	PCAC	I-33	See Corrective Action #3
F-C	H-147	VT	RBCCW	D-8	Accepted
F-C	HD-94	VT	RBCCW	D-9	Accepted
F-C	HD162C	VT	RBCCW	D-8	See Corrective Action #1
F-C	H-32	VT	RCIC	I-26	Accepted
F-C	H60	VT	RCIC	H-19	Accepted
F-C	HD 63A	VT	RCIC	I-26B	Accepted
F-C	HD 63C	VT	RCIC	I-26A	Accepted
F-C	HD32	VT	RCIC	I-26	Accepted
F-C	H-102	VT	RCW	VYI-RCW-PART 5 1/2	Accepted
F-C	H-145	VT	RCW	VYI-RCW-PART 3 2/2	Accepted
F-C	H-153	VT	RCW	VYI-RCW-PART 4 1/2	Accepted
F-C	H-156	VT	RCW	VYI-RCW-PART 4 1/2	Accepted
F-C	H94	VT	RCW	VYI-RCW-PARTS 5 2/2,3 2/2	Accepted
F-C	HD 161A	VT	RCW	VYI-RCW-PART 6	Accepted
F-C	HD 161B	VT	RCW	VYI-RCW-PART 6	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 9 Of 16

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
F-C	HD-161C	VT	RCW	VYI-RCW-PART 6	Accepted
F-C	HD-161D	VT	RCW	VYI-RCW-PART 6	Accepted
F-C	HD153	VT	RCW	VYI-RCW-PART 4 2/2	Accepted
F-C	HD162A	VT	RCW	VYI-RCW-PART 6	Accepted
F-C	HD162B	VT	RCW	VYI-RCW-PART 6	Accepted
F-C	RCW-H8	VT	RCW	VYI-RCW-PART 5	Accepted
F-C	RR-52	VT	RECIRC	5920-6802	Accepted
F-C	RR 10	VT	RECIRC A	5920-6802	Accepted
F-C	RR 13	VT	RECIRC A	5920-6802	Accepted
F-C	RR 17	VT	RECIRC A	5920-6802	Accepted
F-C	RR 23	VT	RECIRC A	5920-6802	Accepted
F-C	RR 26	VT	RECIRC A	5920-6802	Accepted
F-C	RR 74	VT	RECIRC B	5920-6802	Accepted
F-C	RR 80	VT	RECIRC B	5920-6802	Accepted
F-C	RR 87	VT	RECIRC B	5920-6802	Accepted
F-C	CD-HD-54E	VT	RHR	I-15A	Accepted
F-C	CS-H-87	VT	RHR	I-16	Accepted
F-C	CS-HD-54A	VT	RHR	I-15A	Accepted
F-C	CS-HD-54B	VT	RHR	I-15A	Accepted
F-C	CS-HD-54H (A&B)	VT	RHR	I-15A	Accepted
F-C	CS-HD-87B	VT	RHR	I-16	Accepted
F-C	H-127	VT	RHR	I-7B	Accepted
F-C	H-128	VT	RHR	I-7A	Accepted
F-C	H-130	VT	RHR	I-10A	Accepted
F-C	H-156	VT	RHR	I-12	Accepted
F-C	H-160	VT	RHR	I-17	Accepted
F-C	H-187	VT	RHR	I-12	Accepted
F-C	H-192	VT	RHR	I-15A	Accepted
F-C	H-197 (A & B)	VT	RHR	I-10A	Accepted
F-C	HD 127I	VT	RHR	I-9	Accepted
F-C	HD 130C	VT	RHR	I-10A	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 10 Of 16

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
F-C	HD 194C	VT	RHR	I-15	Accepted
F-C	HD 197A	VT	PHR	I-10A	Accepted
F-C	HD 200N	VT	RHR	I-12	Accepted
F-C	HD 5N	VT	RHR	I-17	Accepted
F-C	HD-127A	VT	RHR	I-7B	Accepted
F-C	HD-127C	VT	RHR	I-9	Accepted
F-C	HD-127D	VT	RHR	I-9	Accepted
F-C	HD-127E	VT	RHR	I-9	Accepted
F-C	HD-127G	VT	RHR	I-9	Accepted
F-C	HD-127H	VT	RHR	I-9	Accepted
F-C	HD-130A	VT	RKR	I-10A	Accepted
F-C	HD-156A	VT	RHR	I-12	Accepted
F-C	HD-16G	VT	RHR	I-13	Accepted
F-C	HD-16H	VT	RHR	I-14	Accepted
F-C	HD-16J	VT	RHR	I-13	Accepted
F-C	HD-181	VT	RHR	I-7A	Accepted
F-C	HD-184B	VT	RHR	I-8	Accepted
F-C	HD-186A	VT	RHR	I-13	Accepted
F-C	HD-187B	VT	RHR	I-11	Accepted
F-C	HD-188C	VT	RHR	I-10B	Accepted
F-C	HD-189A	VT	RHR	I-12	Accepted
F-C	HD-18A	VT	RHR	I-18	Accepted
F-C	HD-18F	VT	RHR	I-18	See Corrective Action #2
F-C	HD-18K	VT	RHR	I-18	Accepted
F-C	HD-192	VT	RHR	I-15A	Accepted
F-C	HD-197C	VT	RHR	I-10A	Accepted
F-C	HD-200B	VT	RHR	I-12	Accepted
F-C	HD-200G	VT	RHR	I-14	Accepted
F-C	HD-22	VT	RHR	I-17	Accepted
F-C	HD-23	VT	RHR	I-17	Accepted
F-C	HD-24N	VT	RHR	I-17	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 11 Of 16

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
F-C	HD-25	VT	RHR	I-17	Accepted
F-C	HD-29	VT	RHR	I-17	Accepted
F-C	HD-32N (A&B)	VT	RHR	I-17	Accepted
F-C	HD-36	VT	RHR	I-17	Accepted
F-C	HD-37N	VT	RHR	I-17	Accepted
F-C	HD-4	VT	RHR	I-17	Accepted
F-C	HD-4N	VT	RHR	I-17	Accepted
F-C	HD-87A	VT	RHR	I-16	Accepted
F-C	RHR-H-189N	VT	RHR	MSK-RHR-11	See Corrective Action #2
F-C	H-75N	VT	RSW	D-2	Accepted
F-C	RSW-HD-217B	VT	RSW	D-3	Accepted
F-C	H-161	VT	SW	D-8	See Corrective Action #2
F-C	H-205	VT	SW	D-1	Accepted
F-C	H-265	VT	SW	VYI-SW-PT 13	Accepted
F-C	H-56	VT	SW	D-1	See Corrective Action #2
F-C	H187	VT	SW	VYI-SW-PT 14	Accepted
F	RSW-H-215	VT	SW	D-3	Accepted
F-C	RSW-H-218	VT	SW	D-4	Accepted
F-C	RSW-H-219	VT	SW	D-4	Accepted
F-C	RSW-H232	VT	SW	D-5	Accepted
F-C	RSW-H88N	VT	SW	D-3	Accepted
F-C	RSW-HD-216A	VT	SW	D-3	Accepted
F-C	RSW-HD-217D	VT	SW	D-4	Accepted

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Hydrostatic Tests

I.D.	Description
Static Head Hydrostatic Test:	
Fuel Oil 1,2, and 3	Encompasses three separate open end segments of the Fuel Oil System. It included the Fuel Storage Tank and the two Fuel Oil Day Tanks
Standby Liquid Control 2 and 3	Static Head test from the SLC tank through the 12A and 12B to the pumps P-45-1A and P-45-1B.
Condensate Storage Tank 1	This hydrostatic test encompasses the Condensate Storage Tank, TK-4-1A, with boundaries at CST-2, V13-17, V23-23, and CST-26.
Pressurization Test:	
RWCU-1,3, and 4	Safety Class 3 test from MOV-18 to pump discharge valves 29A and 29B, including the DCP test loop. The DCP test module was hydro tested during installation, and is therefore exempt from this test. These test have been combined because they lie in a common pressure boundary. The test encompasses the Safety Class 3 lines from the pump discharge valves 29A and 29B to the wall of the pump room and the 4" -RWCU-54 line from V12-62 to MOV12-68.
RCIC-2	Test encompasses the turbine exhaust line from V13-50 to SSC13-9.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Page 13 of 16

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Hydrostatic Tests

I.D.	Description
Pressurization Test:(cont.)	
SW-115A	This test is one of the two designed to encompass the Service Water System. It includes Service Water Pumps 1C and 1D. Also within the boundaries of the test are RRU's 5 and 7 and RHR Service Water pumps P-8-1A and P-8-1C.
SW-115B	The second Safety Class 3 test in the Service Water System. Specifically it tests the B train of the system. Included are: Service Water Pumps 1A and 1B, RRU 6, RRU 8, and RHR Service Water Pumps P-8-1B and P-8-1D.
MS-2	This hydrostatic test encompasses Main Steam system line 10"-MS-4B from valve V23-16 in the steam tunnel to valve V23-14 in the HPCI room, including the line 1"-MSD-466 to valve V23-52.
MS-3	This test encompasses Main Steam system line 3"-MS-5B from valve V13-16 in the steam tunnel to valve V13-131 in the RCIC room, including the line 1"-MSD-467 to valve V13-49.
RPV	System leakage test of the reactor coolant system boundary.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Page 14 of 16

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-20
Commercial Service Date: 11/30/72

Examination Procedures

I.D.	Title	REVISION
YA-UT-1	ULTRASONIC EXAMINATION - GENERAL REQUIREMENTS	5
YA-UT-7	UT OF BOLTING	3
YA-UT-9	UT OF PIPING-FERRITIC PIPING	4
YA-UT-10	UT OF PIPING-AUSTENITIC WELDS	7
YA-UT-14	UT OF PIPING- BASE MATERIAL AND WELD HAZ	3
YA-UT-19	COMPONENT PROFILE USING PULSE ECHO TECHNIQUE	0
YA-UT-22	UT OF CIRCUMFERENTIAL, LONGITUDINAL, MERIDIONAL, AND FLANGE WELDS	2
YA-UT-44	UT OF VESSEL - NOZZLE TO VESSEL WELDS	2

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Examination Procedures

I.D.	Title	REVISION
YA-UT-112	THICKNESS MEASUREMENT - UT	1
YA-UT-116	UT OF FULL PENETRATION WELDS	1
YA-UT-44	UT EXAMINATION OF VERMONT YANKEE FEEDWATER NOZZLE INNER RADIUS REGION	0
YA-VT-11	VISUAL EXAMINATION	2
YA-PE-2	LIQUID PENETRANT EXAMINATION	6
YA-MP-111	MAGNETIC PARTICLE EXAMINATION	2

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Abstract of Conditions Noted / Corrective Measures Taken
Section 11/12

Corrective Action #	Description of Condition and Corrective Measures
1	During visual examination of support HD162C, the base plate was identified as being shifted out of place. Maintenance Request 90-2348 was generated to correct this condition. This was determined to be a service related condition and adjacent support H-162 was subsequently inspected with no service related conditions noted.
2	During visual examination of this support, a loose nut was identified. This condition was not service related and a maintenance request was generated to tighten the nut.
3	During visual examination of this support, the spring can setting was determined to be out of tolerance. This condition was not service related and a maintenance request was generated to reset the spring.
4	During visual examination of this snubber, it was identified that the fluid level was low. This condition was not service related and a maintenance request was generated to fill the reservoir.
5	During augmented surface examination (MT) of 32 of 96 bolts, indications were identified in 15 bolts at the shank to head location. An engineering evaluation, with NRC concurrence, accepted these flaws and determined that no expanded inspection sample was warranted. VY will replace all cap screws during the 1992 refuel outage.