



PSEG

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Electric and Gas
Company

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Robert L. Mittl General Manager
Nuclear Assurance and Regulation

March 19, 1985

Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, Maryland 20814

Attn: Mr. Albert Schwencer, Chief
Licensing Branch 2
Division of Licensing

Gentlemen:

RESPONSE TO HCGS SER OPEN ITEM 3
HOPE CREEK GENERATING STATION
DOCKET NO. 50-354

As stated in our response to NRC RAI-1 dated February 14, 1985, Public Service Electric & Gas Company hereby submits the attached revised pages of the Hope Creek Preservice Examination Plan originally submitted on April 15, 1984. As a result of these revisions, our response of February 14, 1985, is also hereby modified as follows.

Follow-up Response to NRC RAI-1 Item 1

The attached pages 1 to 20 list the additional Residual Heat Removal and Reactor Core Spray System welds selected in accordance with the 1983, Edition of ASME Section XI, Winter 1983 Addenda.

The following six welds were listed in Attachment 1 of our February 14, 1985, response to NRC RAI-1. These have been substituted with the indicated additions. These changes were made to avoid hanger removal and subsequent radiation exposure in order to examine welds.

Removed

1-BC-18GBB-066A-20
Elbow to Pipe

1-BC-18GBB-072-12
Pipe to Valve

1-BC-18GBB-072-14
Pipe to Elbow

Added

1-BC-18GBB-066A-16
Elbow to Pipe

1-BC-18GBB-072-1
Valve to Pipe

1-BC-18GBB-072-16
Pipe to Elbow

Boo!
1/1

3/19/85

Removed

1-BE-14GBB-008-21
Elbow to Pipe

1-BE-14GBB-009-21
Pipe to Elbow

1-BE-14GBB-009-22
Elbow to Pipe

Added

1-BE-14GBB-008-14
Pipe to Elbow

1-BE-14GBB-009-10
Pipe to Flange

1-BE-14GBB-009-17
Elbow to Pipe

Follow-up Response to NRC RAI-1 Item 3

The attached page 150A identifies the SDV piping to be included within the VT-2 examined Class 2 Pressure Retaining Boundary. The exemption of SDV piping from other NDE examinations is already addressed in Appendix J listed as BF piping, "Control Rod Drive Hydraulic Supply System" in the plan previously submitted to the NRC on April 15, 1984.

Should you have any questions in this regard, please contact us.

Very truly yours,



Attachments

C D. H. Wagner
USNRC Licensing Project Manager

A. R. Blough
USNRC Senior Resident Inspector

HOPE CREEK GENERATING STATION, UNIT 1
AUGMENTED PRESERVICE EXAMINATION LISTING
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RESIDUAL HEAT REMOVAL SYSTEM PIPING (FIGURES LISTED BELOW)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O E C G M R	REMARKS
-----							-----
LINE 1-BC-18G8B-004B (FIGURE B-8)							-----
CS.11	C-F	8 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	202356		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
CS.11	C-F	11 PIPE TO TEE	UTOL UTOW UT45 UT45T	600-41/9	202362		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
LINE 1-BC-18G8B-004C (FIGURE B-8)							-----
CS.11	C-F	2 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	202378		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
CS.11	C-F	3 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	202380		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
LINE 1-BC-12G8B-004B (FIGURE B-8)							-----
CS.11	C-F	3 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	202810		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC

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RESIDUAL HEAT REMOVAL SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O E C G M R	REMARKS
-----							-----
LINE 1-BC-18GBB-019A (FIGURE 11& 12)							-----
CS.11	C-F	3 PIPE TO VALVE	UTOL UTOW UT45 UT45T	600-41/9	203210		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
CS.11	C-F	10 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	203245		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
LINE 1-BC-12GBB-019 (FIGURE B-12)							-----
CS.11	C-F	2 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	203580		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC
CS.11	C-F	3 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	203585		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC

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RESIDUAL HEAT REMOVAL SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O E C G M R	REMARKS
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LINE 1-BC-18GBB-027 (FIGURE B-15)							-----
CS.11	C-F	3 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	204060		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
CS.11	C-F	7 PIPE TO VALVE	UTOL UTOW UT45 UT45T	600-41/9	204080		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
LINE 1-BC-30HBB-044 (FIGURE B-19)							-----
CS.11	C-F	1 REDUCER TO FLANGE	UTOL UTOW UT45 UT45T	600-41/9	204600		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 30-CS-STD-.375-29-HPC
LINE 1-BC-24HBB-044 (FIGURE B-19)							-----
CS.11	C-F	4 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	204665		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 24-CS-STD-.375-49-HPC

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RESIDUAL HEAT REMOVAL SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O E C G M R	REMARKS
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LINE 1-BC-30HBB-046 (FIGURE B-20)							-----
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CS.11	C-F	3 PIPE TO FLANGE	UTOL UTOW UT45 UT45T	600-41/9	205015		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 30-CS-STD-.375-29-HPC
LINE 1-BC-24HBB-046 (FIGURE B-20)							-----
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CS.11	C-F	2 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	205080		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 24-CS-STD-.375-49-HPC
LINE 1-BC-18GBB-050A (FIGURE B-32)							-----
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CS.11	C-F	6 PIPE TO TEE	UTOL UTOW UT45 UT45T	600-41/9	205925		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
LINE 1-BC-18GBB-050B (FIGURE B-11 & 32)							-----
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CS.11	C-F	1 TEE TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	205980		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC

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RESIDUAL HEAT REMOVAL SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O E C G M R	REMARKS
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LINE 1-BC-18G8B-050B (FIGURE B-11 & 32)							

(CONTD)							

CS.11	C-F	5 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	205995		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-,500-22-HPC
CS.11	C-F	6 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	206005		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-,500-22-HPC
CS.11	C-F	8 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	206010		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-,500-22-HPC

LINE 1-BC-18G8B-063A (FIGURE B-23)							

CS.11	C-F	8 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	206235		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-,500-22-HPC

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(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O E C G M R	REMARKS

LINE 1-BC-18G8B-063A (FIGURE B-23)							

(CONTD)							

CS.11	C-F	12 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	206255		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
CS.11	C-F	14 PIPE TO TEE	UTOL UTOW UT45 UT45T	600-41/9	206265		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
CS.11	C-F	16 PIPE TO TEE	UTOL UTOW UT45 UT45T	600-41/9	206275		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
CS.11	C-F	21 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	206300		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC

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RESIDUAL HEAT REMOVAL SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O E C G M R	REMARKS
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LINE 1-BC-12G08-063A (FIGURE B-25)							-----
CS,11	C-F	1 REDUCER TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	206832		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
CS,11	C-F	2 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	206835		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
LINE 1-BC-12G08-063B (FIGURE B-23)							-----
CS,11	C-F	1 REDUCER TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	206850		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC
CS,11	C-F	3 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	206860		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC

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RESIDUAL HEAT REMOVAL SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I D O N G T R S E H E I O F C G M R	REMARKS
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LINE 1-BC-18G8B-066A (FIGURE B-27 & B-28)							-----
CS.11	C-F	3 PIPE TO VALVE	UTOL UTOW UT45 UT45T	600-41/9	207060		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
CS.11	C-F	7 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	207080		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
CS.11	C-F	16 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41	207165		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
LINE 1-BC-18G8B-072 (FIGURE B-25)							-----
CS.11	C-F	1 VALVE TO PIPE	UTOL UTOW UT45 UT45T	600-41	207450		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC

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RESIDUAL HEAT REMOVAL SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O E C G M R	REMARKS

LINE 1-8C-18G8B-072 (FIGURE B-25)							

(CONTD)							

CS,11	C-F	6 PIPE TO TEE	UTOL UTOM UT45 UT45T	600-41/9	207475		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/WH3 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
CS,11	C-F	15 ELBOW TO PIPE	UTOL UTOM UT45 UT45T	600-41/9	207520		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/WH3 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
CS,11	C-F	16 PIPE TO ELBOW	UTOL UTOM UT45 UT45T	600-41	207525		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/WH3 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC

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(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O E C G M R	REMARKS
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LINE 1-BC-18G8B-075 (FIGURE B-30)							-----
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CS.11	C-F	3 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	208105		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
CS.11	C-F	5 ELBOW TO VALVE	UTOL UTOW UT45 UT45T	600-41/9	208125		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 18-CS-X-.500-22-HPC
LINE 1-BC-30HBB-087 (FIGURE B-22)							-----
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CS.11	C-F	3 PIPE TO FLANGE	UTOL UTOW UT45 UT45T	600-41/9	208300		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 30-CS-STD-.375-29-HPC
LINE 1-BC-24HBB-087 (FIGURE B-22)							-----
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CS.11	C-F	1 NOZZLE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	208350		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 24-CS-STD-.375-49-HPC

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RESIDUAL HEAT REMOVAL SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMMER	N I O O N G T R S E H E I O E C G M R	REMARKS
-----							-----
LINE 1-BC-30HBB-088 (FIGURE B-31)							-----
CS.11	C-F	2 FLANGE TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	208505		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 30-CS-STD-.375-29-HPC
LINE 1-BC-24HBB-088 (FIGURE B-31)							-----
CS.11	C-F	3 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	208560		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 24-CS-STD-.375-49-HPC

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REACTOR CORE SPRAY SYSTEM PIPING (FIGURES LISTED BELOW)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O D N G T R S E H E I O E C G M R	REMARKS
-----							-----
LINE 1-8E-14G8B-008 (FIGURE B-35 & B-37)							
-----							-----
CS.11	C-F	5 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	209220		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
CS.11	C-F	8 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	209235		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
CS.11	C-F	11 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	209250		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
CS.11	C-F	13 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	209260		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
CS.11	C-F	14 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41	209265		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC

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REACTOR CORE SPRAY SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O E C G M R	REMARKS
LINE 1-BE-14GBB-008 (FIGURE B-35 & B-37)							
(CONTD)							
C5.11	C-F	16 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	209275		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
C5.11	C-F	17 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	209280		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
C5.11	C-F	18 ELBOW TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	209285		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
C5.11	C-F	19 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	209290		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC

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REACTOR CORE SPRAY SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O N G T R S E H E I O E C G M R	REMARKS
LINE 1-BE-14GBB-008 (FIGURE B-35 & B-37)							
(CONTD)							
CS.11	C-F	20 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	209295		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
CS.11	C-F	22 PIPE TO TEE	UTOL UTOW UT45 UT45T	600-41/9	209305		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
CS.11	C-F	23 TEE TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	209310		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
CS.11	C-F	24 PIPE TO FLANGE	UTOL UTOW UT45 UT45T	600-41/9	209315		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC

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REACTOR CORE SPRAY SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O F C G M R	REMARKS
LINE 1-BE-14G8B-009 (FIGURE B-36, B-39 & B-40)							
CS.11	C-F	6 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	209575		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
CS.11	C-F	8 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	209580		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
CS.11	C-F	11 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	209620		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
CS.11	C-F	14 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	209635		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC
CS.11	C-F	15 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	209640		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-.375-16-HPC

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REACTOR CORE SPRAY SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O N G T R S E H E I O E C G M R	REMARKS
LINE 1-BE-14G8B-009 (FIGURE B-36, B-39 & B-40)							
(CONTD)							
LINE 1-BE-14G8B-009							
CS,11	C-F	17 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41	209650		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/WB3 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-,375-16-HPC
CS,11	C-F	18 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	209655		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/WB3 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-,375-16-HPC
CS,11	C-F	19 ELBOW TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	209660		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/WB3 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-,375-16-HPC
CS,11	C-F	20 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	209665		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/WB3 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-,375-16-HPC
CS,11	C-F	10 FLANGE TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	209615		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/WB3 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STD-,375-16-HPC

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REACTOR CORE SPRAY SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O U N G T R S E H E I O E C G M R	REMARKS
LINE 1-BE-14GBB-009 (FIGURE B-36, B-39 & B-40)							
(CONTD)							
C5,11	C-F	24 TEE TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	209685		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 14-CS-STU-.375-16-HPC
LINE 1-BE-12GBB-015 (FIGURE B-37)							
C5,11	C-F	1 REDUCER TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	209905		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC
C5,11	C-F	4 VALVE TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	209910		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC
LINE 1-BE-12GBB-016 (FIGURE B-38)							
C5,11	C-F	1 REDUCER TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	210000		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC

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REACTOR CORE SPRAY SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O N G T R S E H E I O E C G M R	REMARKS
LINE 1-BE-12G8B-016 (FIGURE B-38)							
(CONTD)							
CS.11	C-F	4 VALVE TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	210015		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC
LINE 1-BE-12G8B-017 (FIGURE B-41)							
CS.11	C-F	4 VALVE TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	210115		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC
CS.11	C-F	5 PIPE TO ELBOW	UTOL UTOW UT45 UT45T	600-41/9	210120		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC
LINE 1-BE-12G8B-018 (FIGURE B-41)							
CS.11	C-F	2 ELBOW TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	210255		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC

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REACTOR CORE SPRAY SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O D N G T R S E H E I O E C G M R	REMARKS
LINE 1-BE-12GBB-018 (FIGURE B-41)							
(CONTD)							
CS.11	C-F	3 PIPE TO VALVE	UTOL UTOW UT45 UT45T	600-41/9	210260		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 12-CS-STD-.375-12-HPC
LINE 1-BE-16HBB-044 (FIGURE B-42)							
CS.11	C-F	16 PIPE TO FLANGE	UTOL UTOW UT45 UT45T	600-41/9	210675		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 16-CS-STD-.375-19-HPC
LINE 1-BE-16HBB-045 (FIGURE B-43)							
CS.11	C-F	15 TEE TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	210870		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 16-CS-STD-.375-19-HPC

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REACTOR CORE SPRAY SYSTEM PIPING (FIGURES LISTED BELOW)

(CONTD)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O E C G M R	REMARKS
		LINE 1-BE-16H9B-046 (FIGURE B-44)					
CS.11	C-F	17 FLANGE TO PIPE	UTOL UTOW UT45 UT45T	600-41/9	211080		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 16-CS-STD-.375-19-HPC
		LINE 1-BE-16HBB-047 (FIGURE B-44)					
CS.11	C-F	16 PIPE TO FLANGE	UTOL UTOW UT45 UT45T	600-41	211275		CLASS 2 AUGMENTED EXAMINATION SELECTION BASED ON THE REQUIREMENTS OF THE 83/W83 EDITION OF SECTION XI. ***BASIC CALIBRATION BLOCK*** 16-CS-STD-.375-19-HPC

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CLASS 2 PRESSURE RETAINING BOUNDARY TEST REQUIREMENTS

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CONTROL ROD DRIVE HYDRAULIC SUPPLY SYSTEM (BF)

ASME SECT XI ITEM NO	ASME SECT XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	SWRI PROCEDURE NO./REV.	SUMMARY SHEET NUMBER	N I O O N G T R S E H E I O E C G M R	REMARKS
C7,20	C-H	1-BF-12ELB-040	VT-2/LT	900-7/3	317050	- - - -	
C7,21	C-H	1-BF-12ELB-040	VT-2/HT	900-7/3	317060		
C7,20	C-H	1-BF-12ELB-041	VT-2/LT	900-7/3	317070		
C7,21	C-H	1-BF-12ELB-041	VT-2/HT	900-7/3	317080		