

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

October 25, 2000

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555-0001

Serial No.: 00-294A  
NLOS/MM  
Docket No.: 50-338  
License No.: NPF-4

Gentlemen:

**VIRGINIA ELECTRIC AND POWER COMPANY**  
**NORTH ANNA POWER STATION UNIT 1**  
**REVISION OF INSERVICE INSPECTION SUMMARY REPORT**  
**FOR THE SPRING 2000 REFUELING OUTAGE**

In a letter dated June 27, 2000 (Serial Number 00-294), Virginia Electric and Power Company provided the Inservice Inspection Summary Report for North Anna Power Station Unit 1's Spring 2000 refueling outage. This report provided a summary of the examinations performed during the outage for the second inservice inspection interval. As part of the examinations performed for the North Anna Unit 1, Interval 2 Inservice Inspection Program, six reactor vessel support pads were examined during the North Anna Unit 1 Spring 2000 outage. The sliding foot portions of the support pads were found to be inaccessible for examination because they are enclosed in permanently mounted protective covers. Since the entire support could not be examined, the examinations were reported as partial examinations. The support pads are identified as PAD-1 to 6 on drawing 11715-WMKS-RC-R-1.1 in the summary report.

Upon further review of the Code, we have determined that the inaccessible portions of the support pads are exempt from examination per paragraph IWF-1230 of the 1989 Code Edition with the 1990 Addenda. Supports in the second interval inservice inspection program are subject to the 1989 Code Edition and 1990 Addenda per Relief Request CS-1. Paragraph IWF-1230 states in part that, "portions of supports that are inaccessible by being encased in concrete, buried underground, or encapsulated by guard pipe are also exempt from the examination requirements of IWF-2000." In the case of the support pads, the sliding foot portion of each pad is encapsulated in a protective cover. The covers take the form of a rectangle approximately 19" X 42" X 10" in size and are made of 18 gauge Type 304 stainless steel. The sheet metal is fastened together by approximately 80 rivets. An attempt was made to remove one cover. The effort was stopped when it became clear that the cover was being damaged in the removal attempt.

We have concluded that the protective covers are permanent fixtures and make the sliding foot portions of the support pads inaccessible and exempt from examination. The portion of

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the pad that attaches to the cast attachment under each nozzle was accessible and this portion was examined in its entirety. Therefore, the Code required examinations for the reactor support pads were met and relief from Code requirements is not necessary.

Three other examinations that were reported as partial examinations requiring relief in Inservice Inspection Summary Report for North Anna Power Station Unit 1's Spring 2000 refueling outage were reanalyzed for coverage. The reanalysis showed that Welds 10, 12 and 14 on drawing 11715-WMKS-RC-R-1.1 received greater than 90% coverage, which meets the coverage requirements of Code Case N-460. Therefore, no Code relief is necessary for the these welds.

We have attached a revised page 8 of 22 incorporating the above comments for the North Anna Unit 1 Inservice Inspection Summary. We request that you insert the attached page into the June 27,2000 ISI summary report.

If you have any questions or require additional information, please contact us.

Very truly yours,



L. N. Hartz  
Vice President - Nuclear Engineering and Services

Attachment

Commitments made in this letter: None.

cc: U. S. Nuclear Regulatory Commission Region II  
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**North Anna Unit 1 Spring 200 refueling Outage  
Inservice Inspection Summary Report  
Corrected Page 8 of 22**

**Abstract of Examinations Performed  
IWB, IWC and IWF**

<u>DRAWING NO.</u>	<u>MARK/WELD NO.</u>	<u>LINE NO.</u>	<u>ISI CLASS</u>	<u>CATE-GORY</u>	<u>ITEM NO.</u>	<u>EXAM METHOD</u>	<u>EXAM DATE</u>	<u>REMARKS</u>
11715-WMKS-0103AV	R-17	2"-CH-92-1502-Q1	1	F-A	F1.0	VT-3	03/17/2000	
11715-WMKS-0103BC	31	2"-RC-198-1502-Q1	1	B-J	B9.40	PT	03/18/2000	
11715-WMKS-0103N	R-3	6"-SI-131-1502-Q1	1	F-B	F2.0	VT-3	03/17/2000	
11715-WMKS-0103N	R-4	6"-SI-131-1502-Q1	1	F-B	F2.0	VT-3	03/17/2000	
11715-WMKS-0109E-1	12	27 1/2"-RC-3-2501R-Q1	1	B-F	B5.10	UT-AUT	03/23/2000	
11715-WMKS-0109F-1	24	27 1/2"-RC-6-2501R-Q1	1	B-F	B5.10	UT-AUT	03/23/2000	
11715-WMKS-0109G-1	36	27 1/2"-RC-9-2501R-Q1	1	B-F	B5.10	UT-AUT	03/23/2000	P1
11715-WMKS-0110B-1	A-19	4"-RC-15-1502-Q1	1	F-A	F1.0	VT-3	03/17/2000	
11715-WMKS-0110B-2	R-29	4"-RC-14-1502-Q1	1	F-B	F2.0	VT-3	03/17/2000	
11715-WMKS-0111XA	78	3"-CH-3-1502-Q2	2	C-F-1	C5.21	PT/UT	03/15/2000	
11715-WMKS-0111XA	SW-17W	3"-CH-2-1502-Q2	2	C-F-1	C5.21	PT/UT	03/16/2000	
11715-WMKS-0111XA	SW-49	4"-CH-80-1502-Q2	2	C-F-1	C5.21	PT/UT	03/26/2000	
11715-WMKS-RC-E-2	09NIR	1-RC-E-2	1	B-D	B3.120	VT-2	04/07/2000	
11715-WMKS-RC-E-2	9	1-RC-E-2	1	B-D	B3.110	VT-2	04/07/2000	
11715-WMKS-RC-E-2	Instrument Nozzles	1-RC-E-2	1	B-E	B4.13	VT-2	04/07/2000	
11715-WMKS-RC-E-2	Sample Nozzles	1-RC-E-2	1	B-E	B4.11	VT-2	04/07/2000	
11715-WMKS-RC-R-1.1	1	1-RC-R-1	1	B-A	B1.30	UT-AUT	03/24/2000	P1
11715-WMKS-RC-R-1.1	10	1-RC-R-1	1	B-D	B3.90	UT-AUT	03/25/2000	P1
11715-WMKS-RC-R-1.1	10NIR	1-RC-R-1	1	B-D	B3.100	UT-AUT	03/24/2000	
11715-WMKS-RC-R-1.1	12	1-RC-R-1	1	B-D	B3.90	UT-AUT	03/23/2000	P1
11715-WMKS-RC-R-1.1	12NIR	1-RC-R-1	1	B-D	B3.100	UT-AUT	03/23/2000	
11715-WMKS-RC-R-1.1	14	1-RC-R-1	1	B-D	B3.90	UT-AUT	03/25/2000	P1
11715-WMKS-RC-R-1.1	14NIR	1-RC-R-1	1	B-D	B3.100	UT-AUT	03/23/2000	
11715-WMKS-RC-R-1.1	2	1-RC-R-1	1	B-A	B1.11	UT-AUT	03/25/2000	
11715-WMKS-RC-R-1.1	3	1-RC-R-1	1	B-A	B1.11	UT-AUT	03/24/2000	NOTE 1
11715-WMKS-RC-R-1.1	4	1-RC-R-1	1	B-A	B1.11	UT-AUT	03/24/2000	P NOTE 1
11715-WMKS-RC-R-1.1	5	1-RC-R-1	1	B-A	B1.22	UT-AUT	03/24/2000	
11715-WMKS-RC-R-1.1	8	1-RC-R-1	1	B-A	B1.21	UT-AUT	03/23/2000	P
11715-WMKS-RC-R-1.1	CSS	1-RC-R-1	1	B-N-3	B13.70	VT-3	03/23/2000	
11715-WMKS-RC-R-1.1	IAOBR	1-RC-R-1	1	B-N-2	B13.60	VT-3	03/22/2000	
11715-WMKS-RC-R-1.1	INT	1-RC-R-1	1	B-N-1	B13.10	VT-3	03/22/2000	RI(1)
11715-WMKS-RC-R-1.1	PAD-1	1-RC-R-1	1	F-A	F1.0	VT-3	03/24/2000	
11715-WMKS-RC-R-1.1	PAD-2	1-RC-R-1	1	F-A	F1.0	VT-3	03/24/2000	
11715-WMKS-RC-R-1.1	PAD-3	1-RC-R-1	1	F-A	F1.0	VT-3	03/24/2000	
11715-WMKS-RC-R-1.1	PAD-4	1-RC-R-1	1	F-A	F1.0	VT-3	03/24/2000	
11715-WMKS-RC-R-1.1	PAD-5	1-RC-R-1	1	F-A	F1.0	VT-3	03/24/2000	
11715-WMKS-RC-R-1.1	PAD-6	1-RC-R-1	1	F-A	F1.0	VT-3	03/24/2000	
11715-WMKS-RC-R-1.2	CRDM Housing	1-RC-R-1	1	B-E	B4.12	VT-2	04/07/2000	
11715-WMKS-RC-R-1.2	RV Vent	1-RC-R-1	1	B-E	B4.11	VT-2	04/07/2000	
11715-WMKS-RC-R-1.3	TIF-04	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-05	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-06	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-13	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-14	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-15	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-16	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-17	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-18	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-19	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-20	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-21	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-22	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-23	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-24	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-25	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-26	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	
11715-WMKS-RC-R-1.3	TIF-27	1-RC-R-1	1	B-G-1	B6.40	UT	03/18/2000	