

Duke Power Company
ISI Plan Management
Inservice Inspection Plan For:
McGuire Unit 1
Interval 3
ISI Outage 6
Refueling Outage EOC 20

ISI Inspection Listing

Revision 0

CATEGORY B-B, Pressure Retaining Welds
in Vessels Other Than Reactor VesselsDUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management SystemPlan Report
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05/17/2001**Pressurizer**

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Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Shell-to-Head Welds; Longitudinal ****								
B02.012.001	1PZR-6	MCM 1201.01-170	NDE-620	UT	CS	91.500	50337	PRESSURIZER LONGITUDUAL WELD.
	Longitudinal	MCM 1201.01-171	See Com			3.750	50236A	DEPENDING UPON THE EXAMINERS
Class A				PZR Lower Head to				QUALIFICATIONS, PROCEDURE PDI-UT-6 MAY
				Shell				BE USED IN LIEU OF NDE-620
<hr/>								
Total B02.012 Items:		.1						

CATEGORY B-B. Pressure Retaining Welds
in Vessels Other Than Reactor VesselsDUKE ENERGY CORPORATION
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05/17/2001**Steam Generators (Primary Side)**

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
**** Tubesheet-to-Head Weld ****								
B02.040.002	1SGB-W22	MCM 1201.01-0782	NDE-620	UT	CS	0.000	5131617	STEAM GENERATOR 1B. DEPENDING UPON THE EXAMINERS QUALIFICATIONS, PROCEDURE PDI-UT-6 MAY BE USED IN LIEU OF NDE-620
	Circumferential	MCM 1201.01-0791	See Com			6.438	50236A	
Class A				Channel Head to Tubesheet				
Total B02.040 Items:		1						
Total B02 Items:		2						

CATEGORY B-G-1. Pressure Retaining
Bolting, Greater than 2" In Diameter

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Closure Head Nuts ****								
B06.010.012	1RPV-449-02-12	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.013	1RPV-449-02-13	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.014	1RPV-449-02-14	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.015	1RPV-449-02-15	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.037	1RPV-449-02-37	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.038	1RPV-449-02-38	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.039	1RPV-449-02-39	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.040	1RPV-449-02-40	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT

**CATEGORY B-G-1. Pressure Retaining
Bolting, Greater than 2" In Diameter**

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.010.041	1RPV-449-02-41	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.042	1RPV-449-02-42	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.043	1RPV-449-02-43	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.044	1RPV-449-02-44	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.045	1RPV-449-02-45	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.046	1RPV-449-02-46	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.047	1RPV-449-02-47	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.048	1RPV-449-02-48	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.049	1RPV-449-02-49	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter****DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.010.050	1RPV-449-02-50	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.051	1RPV-449-02-51	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.052	1RPV-449-02-52	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.053	1RPV-449-02-53	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
B06.010.054	1RPV-449-02-54	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.540 1.770	-----	CLOSURE HEAD NUT
Total B06.010 Items:		22						

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter**

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
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**** Closure Studs, when removed ****

B06.030.012	1RPV-449-01-12	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
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Class A

B06.030.012A	1RPV-449-01-12	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
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Class A

B06.030.013	1RPV-449-01-13	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
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Class A

B06.030.013A	1RPV-449-01-13	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
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Class A

B06.030.014	1RPV-449-01-14	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
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Class A

B06.030.014A	1RPV-449-01-14	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
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Class A

B06.030.015	1RPV-449-01-15	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
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Class A

B06.030.015A	1RPV-449-01-15	MCM 1201.01-204 MCM 1201.01-206	NDE -25	MT	CS	7.000 57.688		CLOSURE STUD
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Class A

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.037	1RPV-449-01-37	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.037A	1RPV-449-01-37	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.038	1RPV-449-01-38	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.038A	1RPV-449-01-38	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.039	1RPV-449-01-39	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.039A	1RPV-449-01-39	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.040	1RPV-449-01-40	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.040A	1RPV-449-01-40	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.041	1RPV-449-01-41	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter**

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QUALITY ASSURANCE TECHNICAL SERVICES
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.041A	1RPV-449-01-41	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.042	1RPV-449-01-42	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.042A	1RPV-449-01-42	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.043	1RPV-449-01-43	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.043A	1RPV-449-01-43	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.044	1RPV-449-01-44	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.044A	1RPV-449-01-44	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.045	1RPV-449-01-45	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.045A	1RPV-449-01-45	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter**

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.046	1RPV-449-01-46	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.046A	1RPV-449-01-46	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.047	1RPV-449-01-47	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.047A	1RPV-449-01-47	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.048	1RPV-449-01-48	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.048A	1RPV-449-01-48	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.049	1RPV-449-01-49	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.049A	1RPV-449-01-49	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.050	1RPV-449-01-50	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter**

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.050A	1RPV-449-01-50	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.051	1RPV-449-01-51	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.051A	1RPV-449-01-51	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.052	1RPV-449-01-52	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.052A	1RPV-449-01-52	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.053	1RPV-449-01-53	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.053A	1RPV-449-01-53	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								
B06.030.054	1RPV-449-01-54	MCM 1201.01-204 MCM 1201.01-206	PDI-UT-5	UT	CS	7.000 57.688	50501	CLOSURE STUD
Class A								
B06.030.054A	1RPV-449-01-54	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD
Class A								

**CATEGORY B-G-1. Pressure Retaining
Bolting, Greater than 2" In Diameter**

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
Total B06.030 Items:		44						

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Closure Washers, Bushings ****								
B06.050.012	1RPV-449-03-12	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								
B06.050.013	1RPV-449-03-13	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								
B06.050.014	1RPV-449-03-14	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								
B06.050.015	1RPV-449-03-15	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								
B06.050.037	1RPV-449-03-37	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								
B06.050.038	1RPV-449-03-38	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								
B06.050.039	1RPV-449-03-39	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								
B06.050.040	1RPV-449-03-40	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.050.041	1RPV-449-03-41	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560	----- 1.719	CLOSURE WASHER
Class A								
B06.050.042	1RPV-449-03-42	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560	----- 1.719	CLOSURE WASHER
Class A								
B06.050.043	1RPV-449-03-43	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560	----- 1.719	CLOSURE WASHER
Class A								
B06.050.044	1RPV-449-03-44	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560	----- 1.719	CLOSURE WASHER
Class A								
B06.050.045	1RPV-449-03-45	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560	----- 1.719	CLOSURE WASHER
Class A								
B06.050.046	1RPV-449-03-46	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560	----- 1.719	CLOSURE WASHER
Class A								
B06.050.047	1RPV-449-03-47	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560	----- 1.719	CLOSURE WASHER
Class A								
B06.050.048	1RPV-449-03-48	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560	----- 1.719	CLOSURE WASHER
Class A								
B06.050.049	1RPV-449-03-49	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560	----- 1.719	CLOSURE WASHER
Class A								

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter**

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.050.050	1RPV-449-03-50	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								
B06.050.051	1RPV-449-03-51	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								
B06.050.052	1RPV-449-03-52	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								
B06.050.053	1RPV-449-03-53	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								
B06.050.054	1RPV-449-03-54	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	-----	CLOSURE WASHER
Class A								
Total B06.050 Items:		22						

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter**

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Steam Generators

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Bolts and Studs ****								
B06.090.001	1SGA-MW-X2-Y1	MCM 1201.01-0747 MCM 1201.01-0684	NDE-2047	UT	CS	2.500 26.625	7C015	SG1A PRIMARY INLET MANWAY BOLTING 20 BOLTS X2-Y1 QUADRANT
Class A								
B06.090.002	1SGA-MW-X2-Y2	MCM 1201.01-0747 MCM 1201.01-0684	NDE-2047	UT	CS	2.500 26.625	7C015	SG1A PRIMARY OUTLET MANWAY BOLTING 20 BOLTS X2-Y2 QUADRANT
Class A								
B06.090.007	1SGD-MW-X1-Y1	MCM 1201.01-0747 MCM 1201.01-0683	NDE-2047	UT	CS	2.500 26.625	7C015	SG1D PRIMARY INLET MANWAY BOLTING 20 BOLTS X1-Y1 QUADRANT
Class A								
B06.090.008	1SGD-MW-X1-Y2	MCM 1201.01-0747 MCM 1201.01-0683	NDE-2047	UT	CS	2.500 26.625	7C015	SG1D PRIMARY OUTLET MANWAY BOLTING 20 BOLTS X1-Y2 QUADRANT
Class A								
Total B06.090 Items:		4						

CATEGORY B-G-1. Pressure Retaining Bolting, Greater than 2" In Diameter

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Steam Generators

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Flange Surface, when connection dissassembled ****								
B06.100.001	1SGA-MW-X2-Y1	MCM 1201.01-0791	QAL-13	VT-1	CS		0.000 0.000	SG1A PRIMARY INLET MANWAY FLANGE SURFACE X2-Y1 QUADRANT
Class A								
B06.100.002	1SGA-MW-X2-Y2	MCM 1201.01-0791	QAL-13	VT-1	CS		0.000 0.000	SG1A PRIMARY OUTLET MANWAY FLANGE SURFACE X2-Y2 QUADRANT
Class A								
B06.100.007	1SGD-MW-X1-Y1	MCM 1201.01-0791	QAL-13	VT-1	CS		0.000 0.000	SG1D PRIMARY INLET MANWAY FLANGE SURFACE X1-Y1 QUADRANT
Class A								
B06.100.008	1SGD-MW-X1-Y2	MCM 1201.01-0791	QAL-13	VT-1	CS		0.000 0.000	SG1D PRIMARY OUTLET MANWAY FLANGE SURFACE X1-Y2 QUADRANT
Class A								
Total B06.100 Items:		4						

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nuts, Bushings, and Washers ****								
B06.110.001	1SGA-MW-X2-Y1	MCM 1201.01-0747 MCM 1201.01-0684	QAL-13	VT-1	CS	2.500 0.000		SG1A PRIMARY INLET MANWAY NUTS (20) X2-Y1 QUADRANT
Class A								
B06.110.002	1SGA-MW-X2-Y2	MCM 1201.01-0747 MCM 1201.01-0684	QAL-13	VT-1	CS	2.500 0.000		SG1A PRIMARY OUTLET MANWAY NUTS (20) X2-Y2 QUADRANT
Class A								
B06.110.007	1SGD-MW-X1-Y1	MCM 1201.01-0747 MCM 1201.01-0683	QAL-13	VT-1	CS	2.500 0.000		SG1D PRIMARY INLET MANWAY NUTS (20) X1-Y1 QUADRANT
Class A								
B06.110.008	1SGD-MW-X1-Y2	MCM 1201.01-0747 MCM 1201.01-0683	QAL-13	VT-1	CS	2.500 0.000		SG1D PRIMARY OUTLET MANWAY NUTS (20) X1-Y2 QUADRANT
Class A								
Total B06.110 Items:		4						

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter**

Pumps

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
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**** Bolts and Studs ****

B06.180.004	1RCP-1D-F	MCM 1201.01-120	PDI-UT-5	UT	CS	4.500 29.500	50465	24 RCP MAIN FLANGE BOLTS
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Class A

Total B06.180 Items: 1

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter**

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Pumps

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Flange Surface, when connection dissassembled ****								
B06.190.001	1RCP-1A-FLANGE	MCM 1201.01-7	QAL-13	VT-1	SS	77.000 10.370	-----	RCP1A MAIN FLANGE INSPECT ONLY IF DISASSEMBLED MCM 1201.01-193 PUMP MANUAL
Class A								
B06.190.002	1RCP-1B-FLANGE	MCM 1201.01-7	QAL-13	VT-1	SS	77.000 10.370	-----	RCP1B MAIN FLANGE INSPECT ONLY IF DISASSEMBLED MCM 1201.01-193 PUMP MANUAL
Class A								
B06.190.003	1RCP-1C-FLANGE	MCM 1201.01-7	QAL-13	VT-1	SS	77.000 10.370	-----	RCP1C MAIN FLANGE INSPECT ONLY IF DISASSEMBLED MCM 1201.01-193 PUMP MANUAL
Class A								
B06.190.004	1RCP-1D-FLANGE	MCM 1201.01-7	QAL-13	VT-1	SS	77.000 10.370	-----	RCP1D MAIN FLANGE DISASSEMBLED MCM 1201.01-193 PUMP MANUAL
Class A								
Total B06.190 Items: 4								

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter**

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nuts, Bushings, and Washers ****								
B06.200.001	1RCP-1D-F	MCM 1201.01-120	QAL-13	VT-1	CS	4.500 0.000		RCP1D MAIN FLANGE INSPECT 24 NUTS

Total B06.200 Items:	1
Total B06 Items:	106

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Bolts, Studs, and Nuts ****								
B07.050.202	1NV-137-FL1	MCFI 1NV-137 MCFD 1554-01.00	QAL-13	VT-1	SS	1.000 0.000	-----	FLANGE BOLTING (4)
B07.050.203	1NV-143-FL2	MCFI 1NV-143 MCFD 1554-01.01	QAL-13	VT-1	SS	1.000 0.000	-----	FLANGE BOLTING (4)
Total B07.050 Items:		2						

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

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Valves

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Bolts, Studs, and Nuts ****								
B07.070.001A	1NC-1	MCM 1205.09-0001 MCFD 1553-01.00	QAL-13	VT-1	SS		1.000 0.000	6" VALVE, MCFI-1NC5 INSPECT ONLY ONE VALVE IN THIS GROUP (1A-1C) PER INTERVAL
Class A								
B07.070.063B	1NI-129	MCM 1205.00-0006 MCFD 1562-03.00	QAL-13	VT-1	SS		1.875 0.000	8" VALVE, MCFI-1NI53 INSPECT ONLY ONE VALVE IN THIS GROUP (63A-63B) PER INTERVAL ITEM # 4J-010
Class A								
Total B07.070 Items:		2						
Total B07 Items:		4						

**CATEGORY B-K, Welded Attachments for
Vessels, Piping, Pumps, and Valves**DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Welded Attachments ****								
B10.020.001	1-MCR-NC-762	MCSR-NC-02/sht. 2	NDE-35	PT	NA	6.000		Inspect with F01.010.019C
	Mech Snubber					0.438		
Class A								

Total B10.020 Items: 1

Total B10 Items: 1

CATEGORY B-L-2, Pump CasingsDUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Pump Casing ****								
B12.020.001	1RCP-1A	MCM 1201.01-7	QAL-14	VT-3	SS	77.000 4.500		PUMP CASING INTERNAL SURFACES INSPECT ONE REACTOR COOLANT PUMP PER INTERVAL. INSPECT ONLY IF DISASSEMBLED.
Class A								
B12.020.002	1RCP-1B	MCM 1201.01-7	QAL-14	VT-3	SS	77.000 4.500		PUMP CASING INTERNAL SURFACES INSPECT ONE REACTOR COOLANT PUMP PER INTERVAL. INSPECT ONLY IF DISASSEMBLED.
Class A								
B12.020.003	1RCP-1C	MCM 1201.01-7	QAL-14	VT-3	SS	77.000 4.500		PUMP CASING INTERNAL SURFACES INSPECT ONE REACTOR COOLANT PUMP PER INTERVAL. INSPECT ONLY IF DISASSEMBLED.
Class A								
B12.020.004	1RCP-1D	MCM 1201.01-7	QAL-14	VT-3	SS	77.000 4.500		PUMP CASING INTERNAL SURFACES INSPECT ONE REACTOR COOLANT PUMP PER INTERVAL. INSPECT ONLY IF DISASSEMBLED.
Class A								
<hr/>								
Total B12.020 Items:		4						

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Valves

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
**** Valve Body, Exceeding NPS 4 ****								
B12.050.001A	1NC-1	MCM 1205.09-0001 MCFD-1553-02.00	QAL-14	VT-3	SS		6.000 0.000	MCFI-1NC5 CROSBY RELIEF VALVE INSPECT ONE VALVE IN THIS GROUP (1A-1C) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 1NC-0001
Class A								
B12.050.001B	1NC-2	MCM 1205.09-0001 MCFD-1553-02.00	QAL-14	VT-3	SS		6.000 0.000	MCFI-1NC5 CROSBY RELIEF VALVE INSPECT ONE VALVE IN THIS GROUP (1A-1C) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 1NC-0002
Class A								
B12.050.001C	1NC-3	MCM 1205.09-0001 MCFD-1553-02.00	QAL-14	VT-3	SS		6.000 0.000	MCFI-1NC5 CROSBY RELIEF VALVE INSPECT ONE VALVE IN THIS GROUP (1A-1C) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 1NC-0003
Class A								
B12.050.002A	1ND-1B	MCM-1205.00-0010 MCFD-1561-01.00	QAL-14	VT-3	SS		14.000 0.000	MCFI-1ND38 WALWORTH GATE VALVE INSPECT ONE VALVE IN THIS GROUP (2A-2B) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-001
Class A								
B12.050.002B	1ND-2A	MCM-1205.00-0010 MCFD-1561-01.00	QAL-14	VT-3	SS		14.000 0.000	MCFI-1ND38 WALWORTH GATE VALVE INSPECT ONE VALVE IN THIS GROUP (2A-2B) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-001
Class A								
B12.050.003A	1NI-54A	MCM-1205.00-0012 MCFD-1562-02.00	QAL-14	VT-3	SS		10.000 0.000	MCFI-1NI79 CRANE-ALOYCO GATE VALVE INSPECT ONE VALVE IN THIS GROUP (3A-3D) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-005
Class A								

CATEGORY B-M-2. Valve Bodies

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B12.050.003B	1NI-65B	MCM1205.00-0012 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI80 CRANE-ALOYCO GATE VALVE INSPECT ONE VALVE IN THIS GROUP (3A-3D) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-043
Class A								
B12.050.003C	1NI-76A	MCM-1205.00-0012 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI87 CRANE-ALOYCO GATE VALVE INSPECT ONE VALVE IN THIS GROUP (3A-3D) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-043
Class A								
B12.050.003D	1NI-88B	MCM-1205.00-0012 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI86 CRANE-ALOYCO GATE VALVE INSPECT ONE VALVE IN THIS GROUP (3A-3D) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-043
Class A								
B12.050.004A	1NI-59	MCM 1205.36-0011 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI79 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-055
Class A								
B12.050.004B	1NI-60	MCM 1205.36-0010 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI79 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-054
Class A								
B12.050.004C	1NI-70	MC 1205.36-0011 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI80 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-055
Class A								
B12.050.004D	1NI-71	MCM 1205.36-0010 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI62 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-054
Class A								

CATEGORY B-M-2, Valve Bodies

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B12.050.004E	1NI-81	MCM 1205.36-0011 MCFD-1562-02.01	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI87 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-055
Class A								
B12.050.004F	1NI-82	MCM 1205.36-0010 MCFD-1562-02.01	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI87 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-054
Class A								
B12.050.004G	1NI-93	MCM 1205.36-0011 MCFD-1562-02.01	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI86 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-055
Class A								
B12.050.004H	1NI-94	MCM 1205.36-0010 MCFD-1562-02.01	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI86 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-054
Class A								
B12.050.005A	1NI-125	MCM 1205.00-0006 MCFD-1562-03.00	QAL-14	VT-3	SS	8.000 0.000		MCFI-1NI53 ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (5A-5B) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-010
Class A								
B12.050.005B	1NI-129	MCM 1205.00-0006 MCFD 1562-03.00	QAL-14	VT-3	SS	8.000 0.000		MCFI-1NI53 ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (5A-5B) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-010
Class A								
B12.050.006A	1NI-126	MCM 1205.00-0005 MCFD-1562-03.00	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI53 CRANE-ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (6A-6F) PER INTERVAL. INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-008
Class A								

CATEGORY B-M-2. Valve Bodies

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B12.050.006B	1NI-134	MCM 1205.00-0005 MCFD-1562-03.00	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI53 CRANE-ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (6A-6F) PER INTERVAL. INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-008
Class A								
B12.050.006C	1NI-157	MCM 1205.00-0005 MCFD-1562-03.00	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI53 CRANE-ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (6A-6F) PER INTERVAL. INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-008
Class A								
B12.050.006D	1NI-175	MCM 1205.00-0005 MCFD-1562-03.01	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI53 CRANE-ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (6A-6F) PER INTERVAL. INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-008
Class A								
B12.050.006E	1NI-180	MCM 1205.00-0005 MCFD-1562-03.01	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI53 CRANE-ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (6A-6F) PER INTERVAL. INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-008
Class A								
B12.050.006F	1NI-181	MCM 1205.00-0005 MCFD-1562-03.01	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI53 CRANE-ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (6A-6F) PER INTERVAL. INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-008
Class A								
B12.050.007A	1NI-160	MCM 1205.36-0028 MCFD-1562-03.00	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI35 WESTINGHOUSE CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (7A-7B) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 5J-001
Class A								

CATEGORY B-M-2, Valve Bodies**DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B12.050.007B	1NI-176	MCM 1205.36-0028	QAL-14	VT-3	SS	6.000		MCFI-1NI78
		MCFD-1562-03.01				0.000		WESTINGHOUSE CHECK VALVE
Class A								INSPECT ONE VALVE IN THIS GROUP (7A-7B)
								PER INTERVAL.INSPECT ONLY IF
								DISASSEMBLED. ITEM # 5J-001

Total B12.050 Items: 27

Total B12 Items: 31

CATEGORY B-O, Pressure Retaining Welds
In Control Rod HousingsDUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Welds in CRD Housing ****								
B14.010.013	1RPV-CRDM-67	MCM 1201.01-224	NDE-35	PT	SS-Inconel	4.000 0.642		CRD HOUSING WELD (PERIPHERAL)

Class A

Total B14.010 Items: 1

Total B14 Items: 1

CATEGORY C-A, Pressure Retaining Welds
In Pressure Vessels

Shell Circumferential Welds

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
C01.010.040	1ELDHX-SH-FLG	NV MCM 1201.06-0010	NDE-2030	UT	CS	8.625	TBD	EXCESS LETDOWN HEAT EXCHANGER SHELL
	Circumferential					0.322		TO FLANGE
	Class B			Shell to				Flange

Total C01.010 Items: 1

CATEGORY C-A. Pressure Retaining Welds**In Pressure Vessels****Head Circumferential Welds**

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C01.020.020	1ELDHX-SH-HD	MCM 1201.06-0010	NDE-2030	UT	CS	8.625 0.322	TBD	EXCESS LETDOWN HEAT EXCHANGER SHELL TO HEAD
	Circumferential							
	Class B				Shell to Head			
C01.020.021	1ELDHX-HD-FLG	MCM 1201.06-0010	NDE-2030	UT	SS-CS	9.500 0.750	TBD	EXCESS LETDOWN HEAT EXCHANGER HEAD TO FLANGE, CS WITH 3/16" TYPE 304 SS CLADDING ON FLANGE SIDE OF WELD
	Circumferential							
	Class B				Shell to Head			
C01.020.072	5141-2-HD1	MCM 1201.06-0015	NDE-2030	UT	SS	10.920 1.075	50428	REGENERATIVE HEAT EXCHANGER
	Circumferential							
	Class B				Nozzle belt to Head (Shell 2)			
C01.020.073	5141-2-HD2	MCM 1201.06-0015	NDE-2030	UT	SS	10.920 1.075	50428	REGENERATIVE HEAT EXCHANGER
	Circumferential							
	Class B				Shell to Head (Shell 2)			

Total C01.020 Items: 4

CATEGORY C-A, Pressure Retaining Welds
In Pressure Vessels

DUKE ENERGY CORPORATION
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Tubesheet-to-Shell Weld

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C01.030.010	1BCSHX-SH-48	MCM 1201.06-25	NDE-2030	UT	CS	55.250 0.625	50422	CONTAINMENT SPRAY HEAT EXCHANGER 1B
	Circumferential							
	Class B				Shell to Tubesheet			
C01.030.022	5141-2-NB-TS	MCM 1201.06-0015	NDE-2030	UT	SS	10.920 1.075	50428	REGENERATIVE HEAT EXCHANGER
	Circumferential							
	Class B				Nozzle belt to Tubesheet (Shell 2)			
C01.030.023	5141-2-TS-SH	MCM 1201.06-0015	NDE-2030	UT	SS	10.920 1.075	50428	REGENERATIVE HEAT EXCHANGER
	Circumferential							
	Class B				Tubesheet to Shell (Shell 2)			
Total C01.030 Items:		3						
Total C01 Items:		8						

**CATEGORY C-B, Pressure Retaining Nozzle
Welds In Vessels**DUKE ENERGY CORPORATION
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05/17/2001**Nozzles With Reinforcing Plate In Vessels > 1/2
in. Nominal Thickness**

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Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
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****** Reinforcing Plate Welds to Nozzle and Vessel ******

C02.031.003	1ACSHX-A-INLET	MCM 1201.06-25	NDE-25	MT	CS	10.000 0.250		CONTAINMENT SPRAY HEAT EXCHANGER 1A INLET NOZZLE A AND REINFORCING PADS
Class B				Nozzle to Reinforcing pads / Shell				
C02.031.004	1ACSHX-B-OUTLET	MCM 1201.06-25	NDE-25	MT	CS	10.000 0.250		CONTAINMENT SPRAY HEAT EXCHANGER 1A OUTLET NOZZLE B AND REINFORCING PADS
Class B				Nozzle to Reinforcing pads / Shell				

Total C02.031 Items: 2**Total C02 Items: 2**

**CATEGORY C-C, Welded Attachments For
Vessels, Piping, Pumps, And Valves**DUKE ENERGY CORPORATION
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05/17/2001**Pressure Vessels**

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Welded Attachments ****								
C03.010.004	1REGHX-SUPP	NV MCM 1201.06-0061 MCM 1201.06-0069	NDE-35	PT	CS	0.000 0.000		REGENERATIVE HEAT EXCHANGER 1A SUPPORT WELDED ATTACHMENT
Class B								
C03.010.005	1ELDHX-SUPP	NV MCM 1201.06-0010	NDE-35	PT	CS	0.000 0.000		EXCESS LETDOWN HEAT EXCHANGER SUPPORT (2) WELDED ATTACHMENTS
Class B								
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Total C03.010 Items:		2						

**CATEGORY C-C, Welded Attachments For
Vessels, Piping, Pumps, And Valves**

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Piping

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Welded Attachments ****								
C03.020.001	1-MCR-CA-H440	CA MCSRD-CAO/sht. 1	NDE-25	MT	CS	6.000	1.000	WELDED ATTACHMENT
	Rigid Restraint							
	Class B							
C03.020.002	1-MCR-CA-H442	CA MCSRD-CAO/sht. 1	NDE-25	MT	CS	6.000	0.125	WELDED ATTACHMENT
	Rigid Restraint							
	Class B							
C03.020.041	1-MCA-NS-H9	NS MCSRD-NSB/sht. 1	NDE-35	PT	SS	10.000	0.216	WELDED ATTACHMENT
	Rigid Support							
	Class B							
C03.020.043	1-MCA-NS-H55	NS MCSRD-NSA/sht. 1	NDE-35	PT	SS	10.000	0.125	WELDED ATTACHMENT
	Rigid Restraint							
	Class B							
C03.020.044	1-MCA-NS-H69	NS MCSRD-NSA/sht. 2	NDE-35	PT	SS	10.000	1.000	WELDED ATTACHMENT
	Rigid Support							
	Class B							
C03.020.054	1-MCA-NV-H51	NV MC-1190-NV-01-01	NDE-35	PT	SS	4.000	0.125	WELDED ATTACHMENT
	Rigid Support							
	Class B							
C03.020.061	1-MCA-SA-H18	SA MCSRD-SAA/sht. 1	NDE-25	MT	CS	6.000	0.125	WELDED ATTACHMENT
	Rigid Restraint							
	Class B							
C03.020.071	1-MCA-VQ-H6	VQ MCSRD-VQA/sht. 1	NDE-35	PT	SS	6.000	0.750	WELDED ATTACHMENT
	Rigid Restraint							
	Class B							

Total C03.020 Items: 8

Total C03 Items: 10

**CATEGORY C-G. Pressure Retaining Welds
In Pumps And Valves****DUKE ENERGY CORPORATION
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05/17/2001****Valves****Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
*** Valve Body Welds ***								
C06.020.003E	1SV-13-1	SV MCM 1205.09-011/1	NDE-35	PT	CS	6.000 1.000		ITEM # POR-002 INSPECT ONE VALVE IN THIS GROUP (3A-3H) PER INTERVAL.
Class B					Intake Pipe to Valve Body			
C06.020.003F	1SV-13-2	SV MCM 1205.09-011/1	NDE-35	PT	CS	6.000 1.000		ITEM # POR-002 INSPECT ONE VALVE IN THIS GROUP (3A-3H) PER INTERVAL.
					Valve Body to Valve Body			
<hr/>								
Total C06.020 Items:		2						
Total C06 Items:		2						

**CATEGORY D-A, Welded Attachments For
Vessels, Piping, Pumps, and Valves**

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Pressure Vessels**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Welded Attachments ****								
D01.010.005	1KDHX-SUPPORT-1A RN	MCM 1201.06-0042	QAL-13	VT-1	NA	0.000	0.000	1A DIESEL GENERATOR COOLING WATER HEAT EXCHANGER WELDED ATTACHMENT
Class C								
D01.010.006	1RNST-SUPPORT-1A RN	MCM 1218.02-8 MCM 1218.02-9	QAL-13	VT-1	NA	0.000	0.000	1A NUCLEAR SERVICE WATER STRAINER WELDED ATTACHMENT
Class C								

Total D01.010 Items: 2

**CATEGORY D-A, Welded Attachments For
Vessels, Piping, Pumps, and Valves****DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Welded Attachments ****								
D01.020.005	1-MCA-CA-H308	CA MCSRD-CAF/sht.1	QAL-13	VT-1	NA	4.000		WELDED ATTACHMENT
	Rigid Support					0.125		
	Class C							
D01.020.007	1-MCA-CA-H318	CA MCSRD-CAF/sht.1	QAL-13	VT-1	NA	4.000		WELDED ATTACHMENT
	Rigid Support					0.125		
	Class C							
D01.020.062	1-MCA-KC-H452	KC MCSRD-KC-304/sht.1	QAL-13	VT-1	NA	20.000		WELDED ATTACHMENT
	Rigid Support	MCFD 1573-01.01				0.500		
	Class C							
<hr/>								
Total D01.020 Items:		3						
Total D01 Items:		5						

CATEGORY F-A, Supports

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.007C	1-MCR-NC-573	NC MCSRD-WL-02/sht. 1	QAL-14	VT-3	NA		2.000	
	Hyd Snubber						0.000	
	Class A							
F01.010.014C	1-MCR-NC-572	NC MCSRD-WL-02/sht. 4	QAL-14	VT-3	NA		2.000	
	Spring Hgr						0.000	
	Class A							
F01.010.015C	1-MCR-NC-574	NC MCSRD-WL-02/sht. 1	QAL-14	VT-3	NA		2.000	
	Hyd Snubber						0.000	
	Class A							
F01.010.016C	1-MCR-NC-764	NC MCSRD-NC-02/sht. 2	QAL-14	VT-3	NA		3.000	
	Mech Snubber						0.000	
	Class A							
F01.010.019C	1-MCR-NC-762	NC MCSRD-NC-02/sht. 2	QAL-14	VT-3	NA		6.000	
	Mech Snubber						0.438	
	Class A							
F01.010.020C	1-MCR-NC-680	NC MCSRD-NC-02/sht. 3	QAL-14	VT-3	NA		6.000	
	Constant Support						0.000	
	Class A							
F01.010.021C	1-MCR-NC-763	NC MCSRD-NC-02/sht. 2	QAL-14	VT-3	NA		6.000	
	Mech Snubber						0.000	
	Class A							
F01.010.055B	1-MCR-NI-581	NI MCSRD-NI-03/sht. 1	QAL-14	VT-3	NA		6.000	
	Rigid Restraint						0.000	
	Class A							

CATEGORY F-A, Supports

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.111A	1-MCR-NI-651	NI MCSRD-ND-01/sht. 2	QAL-14	VT-3	NA	8.000		
	Rigid Support					0.000		
	Class A							
F01.010.114C	1-MCR-NI-589	NI MCSRD-NI-03/sht. 2	QAL-14	VT-3	NA	10.000		
	Hyd Snubber					0.000		
	Class A							
F01.010.117C	1-MCR-NI-616	NI MCSRD-NI-01/sht. 4	QAL-14	VT-3	NA	10.000		
	Spring Hgr					0.000		
	Class A							
F01.010.118A	1-MCR-NI-731	NI MCSRD-NI-09/sht. 1	QAL-14	VT-3	NA	2.000		
	Rigid Support					0.000		
	Class A							
F01.010.154C	1-MCR-NV-855	NV MCSRD-NV-06/sht. 1	QAL-14	VT-3	NA	2.000		
	Hyd Snubber					0.000		
	Class A							
F01.010.157A	1-MCR-NV-1053	NV MCSRD-NV-04/sht. 4	QAL-14	VT-3	NA	3.000		
	Rigid Support					0.000		
	Class A							
F01.010.158A	1-MCR-NV-1056	NV MCSRD-NV-04/sht. 3	QAL-14	VT-3	NA	2.000		
	Rigid Support					0.000		
	Class A							
Total F01.010 Items:		15						

CATEGORY F-A, Supports

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.002C	1-MCA-CA-H384	CA MCSRD-CAM/sht. 2	QAL-14	VT-3	NA		6.000	
	Spring Hgr						0.000	
	Class B							
F01.020.004B	1-MCR-CA-H440	CA MCSRD-CAO/sht. 1	QAL-14	VT-3	NA		6.000	
	Rigid Restraint						1.000	
	Class B							
F01.020.009C	1-MCA-CA-H417	CA MCSRD-CAN/sht. 2	QAL-14	VT-3	NA		6.000	
	Hyd Snubber						0.000	
	Class B							
F01.020.014B	1-MCR-CA-H442	CA MCSRD-CAO/sht. 1	QAL-14	VT-3	NA		6.000	
	Rigid Restraint						0.125	
	Class B							
F01.020.015C	1-MCR-CA-H488	CA MCSRD-CAP/sht. 1	QAL-14	VT-3	NA		6.000	
	Spring Hgr						0.000	
	Class B							
F01.020.016C	1-MCA-CA-H427	CA MCSRD-CAO/sht. 2	QAL-14	VT-3	NA		6.000	
	Hyd Snubber						0.000	
	Class B							
F01.020.053A	1-MCA-CF-H171	CF MCSRD-CFC/sht. 13	QAL-14	VT-3	NA		18.000	
	Rigid Support						0.000	
	Class B							
F01.020.056C	1-MCR-CF-H396	CF MCSRD-CFC/sht. 12	QAL-14	VT-3	NA		18.000	
	Spring Hgr						0.000	
	Class B							

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.103C Class B	1-MCA-FW-H132 Spring Hgr	FW MCSRD-FWA/sht. 1 MCFD 1571-01.00	QAL-14	VT-3	NA		0.000 0.000	
F01.020.107A Class B	1-MCA-FW-H14 Rigid Support	FW MCSRD-FWA/sht. 1 MCFD 1571-01.00	QAL-14	VT-3	NA		0.000 0.000	
F01.020.108A Class B	1-MCA-FW-H9 Rigid Support	FW MCSRD-FWA/sht. 1 MCFD 1571-01.00	QAL-14	VT-3	NA		0.000 0.000	
F01.020.109A Class B	1-MCA-FW-H3 Rigid Support	FW MCSRD-FWA/sht. 6 MCFD 1571-01.00	QAL-14	VT-3	NA		0.000 0.000	
F01.020.110A Class B	1-MCA-FW-H4 Rigid Support	FW MCSRD-FWA/sht. 6 MCFD 1571-01.00	QAL-14	VT-3	NA		0.000 0.000	
F01.020.111A Class B	1-MCA-FW-H5 Rigid Support	FW MCSRD-FWA/sht. 6 MCFD 1571-01.00	QAL-14	VT-3	NA		0.000 0.000	
F01.020.115C Class B	1-MCA-FW-H134 Hyd Snubber	FW MCSRD-FWA/sht. 8 MCFD 1571-01.00	QAL-14	VT-3	NA		0.000 0.000	
F01.020.116C Class B	1-MCA-FW-H130 Mech Snubber	FW MCSRD-FWA/sht. 1 MCFD 1571-01.00	QAL-14	VT-3	NA		0.000 0.000	
F01.020.159C Class B	1-MCA-ND-H70 Spring Hgr	ND MCSRD-NDA/sht. 8	QAL-14	VT-3	NA		8.000 0.000	

CATEGORY F-A, Supports

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.263A	1-MCA-NS-H69	NS MCSRD-NSA/sht. 2	QAL-14	VT-3	NA	10.000	1.000	
	Rigid Support							
	Class B							
F01.020.264A	1-MCA-NS-H9	NS MCSRD-NSB/sht. 1	QAL-14	VT-3	NA	10.000	0.216	
	Rigid Support							
	Class B							
F01.020.269B	1-MCA-NS-H55	NS MCSRD-NSA/sht. 1	QAL-14	VT-3	NA	10.000	0.125	
	Rigid Restraint							
	Class B							
F01.020.270A	1-MCR-NS-510	NS MCSRD-NS-01/sht. 1	QAL-14	VT-3	NA	8.000	0.000	
	Rigid Support							
	Class B							
F01.020.271A	1-MCR-NS-506	NS MCSRD-NS-01/sht. 1	QAL-14	VT-3	NA	8.000	0.000	
	Rigid Support							
	Class B							
F01.020.272B	1-MCR-NS-611	NS MCSRD-NS-03/sht. 2	QAL-14	VT-3	NA	8.000	0.000	
	Rigid Restraint							
	Class B							
F01.020.273B	1-MCR-NS-602	NS MCSRD-NS-03/sht. 2	QAL-14	VT-3	NA	8.000	0.000	
	Rigid Restraint							
	Class B							
F01.020.330A	1-MCA-NV-H42	NV MC-1190-NV-01-03	QAL-14	VT-3	NA	3.000	0.000	
	Rigid Support							
	Class B							
F01.020.331A	1-MCA-NV-H43	NV MC-1190-NV-01-03	QAL-14	VT-3	NA	3.000	0.000	
	Rigid Support							
	Class B							

CATEGORY F-A, Supports

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F01.020.332B	1-MCA-NV-H48	NV MC-1190-NV-01-03	QAL-14	VT-3	NA	3.000		
	Rigid Restraint					0.000		
	Class B							
F01.020.333A	1-MCA-NV-H49	NV MC-1190-NV-01-01	QAL-14	VT-3	NA	4.000		
	Rigid Support					0.000		
	Class B							
F01.020.334A	1-MCA-NV-H51	NV MC-1190-NV-01-01	QAL-14	VT-3	NA	4.000		
	Rigid Support					0.125		
	Class B							
F01.020.335B	1-MCA-NV-H53	NV MCSRD-NVA/sht. 9	QAL-14	VT-3	NA	3.000		
	Rigid Restraint					0.000		
	Class B							
F01.020.336A	1-MCA-NV-H94	NV MCSRD-NVE/sht. 2	QAL-14	VT-3	NA	4.000		
	Rigid Support					0.000		
	Class B							
F01.020.502B	1-MCA-SA-H18	SA MCSRD-SAA/sht. 1	QAL-14	VT-3	NA	6.000		
	Rigid Restraint					0.125		
	Class B							
F01.020.559C	1-MCA-SM-H105	SM MCSRD-SMA/sht. 3	QAL-14	VT-3	NA	42.000		
	Spring Hgr					0.000		
	Class B							
F01.020.565B	1-MCA-SM-H22	SM MCSRD-SMA/sht. 2	QAL-14	VT-3	NA	42.000		
	Rigid Restraint					0.000		
	Class B							
F01.020.566B	1-MCA-SM-H23	SM MCSRD-SMA/sht. 2	QAL-14	VT-3	NA	36.000		
	Rigid Restraint					0.000		
	Class B							

CATEGORY F-A, Supports**DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.654C	1-MCR-VQ-507	VQ MCSRD-VQ-02/sht. 1	QAL14	VT-3	NA		6.000	
	Spring Hgr						0.000	
	Class B							
F01.020.656B	1-MCA-VQ-H6	VQ MCSRD-VQA/sht. 1	QAL-14	VT-3	NA		6.000	
	Rigid Restraint						0.750	
	Class B							
F01.020.657B	1-MCR-VQ-515	VQ MCSRD-VQ-02/sht. 1	QAL-14	VT-3	NA		6.000	
	Rigid Restraint						0.000	
	Class B							
Total F01.020 Items:		47						

CATEGORY F-A. Supports

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.012A	1-MCA-CA-H223	CA MCSRD-CAD/sht.1	QAL-14	VT-3	NA		4.000 0.125	
	Rigid Support							
	Class C							
F01.030.014A	1-MCA-CA-H303	CA MCSRD-CAF/sht.1	QAL-14	VT-3	NA		4.000 0.000	
	Rigid Support							
	Class C							
F01.030.015B	1-MCA-CA-H308	CA MCSRD-CAF/sht.1	QAL-14	VT-3	NA		4.000 0.125	
	Rigid Restraint							
	Class C							
F01.030.016A	1-MCA-CA-H318	CA MCSRD-CAF/sht.1	QAL-14	VT-3	NA		4.000 0.125	
	Rigid Support							
	Class C							
F01.030.017B	1-MCA-CA-H180	CA MCSRD-CAO/sht.2	QAL-14	VT-3	NA		4.000 0.125	
	Rigid Restraint							
	Class C							
F01.030.018B	1-MCA-CA-H216	CA MCSRD-CAP/sht.1	QAL-14	VT-3	NA		4.000 0.125	
	Rigid Restraint							
	Class C							
F01.030.019B	1-MCA-CA-H227	CA MCSRD-CAP/sht.1	QAL-14	VT-3	NA		4.000 0.125	
	Rigid Restraint							
	Class C							
F01.030.020A	1-MCA-CA-H462	CA MCSRD-CAP/sht.1	QAL-14	VT-3	NA		4.000 0.000	
	Rigid Support							
	Class C							

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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.107B	1-MCR-KC-553	KC	MCSR-D-KC-01/sht.7 MCFD 1573-03-00	QAL-14	VT-3	NA		8.000 0.000	
Rigid Restraint									
Class C									
F01.030.108B	1-MCR-KC-506	KC	MCSR-D-KC-02/sht.1 MCFD 1573-03-00	QAL-14	VT-3	NA		6.000 0.000	
Rigid Restraint									
Class C									
F01.030.109A	1-MCA-KC-1039	KC	MCSR-D-KC-302/sht.1 MCFD 1573-01.01	QAL-14	VT-3	NA		6.000 0.000	
Rigid Support									
Class C									
F01.030.110A	1-MCA-KC-2283	KC	MCSR-D-KC-302/sht.1 MCFD 1573-01.01	QAL-14	VT-3	NA		6.000 0.000	
Rigid Support									
Class C									
F01.030.113A	1-MCA-KC-H452	KC	MCSR-D-KC-304/sht.1 MCFD 1573-01.01	QAL-14	VT-3	NA		20.000 0.500	
Rigid Support									
Class C									
F01.030.126A	1-MCA-KC-2228	KC	MCSR-D-KC-315/sht.3 MCFD 1573-03-01	QAL-14	VT-3	NA		10.000 0.000	
Rigid Support									
Class C									
F01.030.127B	1-MCA-KC-H328	KC	MCSR-D-KC-305/sht.1 MCFD 1573-01-01	QAL-14	VT-3	NA		16.000 0.000	
Rigid Restraint									
Class C									
F01.030.137C	1-MCA-KC-1312	KC	MCSR-D-KC-315/sht.5 MCFD 1573-02-00	QAL-14	VT-3	NA		14.000 0.000	
Spring Hgr									
Class C									
F01.030.178B	1-MCA-RN-2475	RN	MCSR-D-RN-306 MCFD 1574-03.00	QAL-14	VT-3	NA		8.000 0.000	
Rigid Restraint									
Class C									

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION
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Class 3 Piping Supports

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Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.179B	1-MCA-RN-1508	RN MCSRD-RN-307/sht.3	QAL-14	VT-3	NA	36.000		
	Rigid Restraint	MCFD 1574-03.00`				0.000		
Class C								
F01.030.180B	1-MCA-RN-2017	RN MCSRD-RN-307/sht.4	QAL-14	VT-3	NA	18.000		
	Rigid Restraint	MCFD 1574-03.01`				0.000		
Class C								
F01.030.181B	1-MCA-RN-2346	RN MCSRD-RN-309/sht.1	QAL-14	VT-3	NA	8.000		
	Rigid Restraint	MCFD 1574-01.00`				0.000		
Class C								
F01.030.182B	1-MCA-RN-2315	RN MCSRD-RN-309/sht.2	QAL-14	VT-3	NA	6.000		
	Rigid Restraint	MCFD 1574-01.00`				0.000		
Class C								
F01.030.184A	1-MCA-RN-H953	RN MCSRD-CAJ/sht.2	QAL-14	VT-3	NA	8.000		
	Rigid Support	MCFD 1574-01.00`				0.000		
Class C								
F01.030.185A	1-MCA-RN-1322	RN MCSRD-RN-157/sht.1	QAL-14	VT-3	NA	36.000		
	Rigid Support	MCFD 1574-01.00				0.000		
Class C								
F01.030.207B	1-MCA-RN-2026	RN MCSRD-RN-301/sht.1	QAL-14	VT-3	NA	18.000		
	Rigid Restraint	MCFD 1574-02.00				0.000		
Class C								
F01.030.211B	1-MCA-RN-2054	RN MCSRD-RN-302	QAL-14	VT-3	NA	8.000		
	Rigid Restraint	MCFD 1574-02.00				0.000		
Class C								

Total F01.030 Items: 25

CATEGORY F-A, Supports

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Supports other than Piping Supports (Class 1, 2, 3)

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.040.014	1CSP-SUPPORT-1A	NS MCM 1201.05-206	QAL-14	VT-3	NA		0.000 0.000	CONTAINMENT SPRAY PUMP 1A SUPPORT
	Class B							
F01.040.015	1RCP-SUPPORT	NV MCM 1201.05-0301	QAL-14	VT-3	NA		0.000 0.000	RECIPRICATING CHARGING PUMP SUPPORT
	Class B							
F01.040.016	1CCP-SUPPORT-1A	NV MCM 1201.05-0228	QAL-14	VT-3	NA		0.000 0.000	CENTRIFICAL CHARGING PUMP 1A SUPPORT
	Class B							
F01.040.019	1RV-SUPPORT-C	NC MCM 1201.01-78 MCM 1201.01-79 MCM 1117.00-10	QAL-14	VT-3	NA		0.000 0.000	REACTOR VESSEL SUPPORT (C HOT LEG)
	Class A							
F01.040.020	1RV-SUPPORT-D	NC MCM 1201.01-78 MCM 1201.01-79 MCM 1117.00-10	QAL-14	VT-3	NA		0.000 0.000	REACTOR VESSEL SUPPORT (D COLD LEG)
	Class A							
F01.040.026	1KDHX-SUPPORT-1ARN	MCM 1201.06-0042	QAL-14	VT-3	NA		0.000 0.000	1A DIESEL GENERATOR COOLING WATER HEAT EXCHANGER SUPPORT
	Class C							
F01.040.027	1KDC-SUPPORT-1A	KD MCM 1301.00-0050	QAL-14	VT-3	NA		0.000 0.000	1A DIESEL GENERATOR LUBE OIL COOLER SUPPORT
	Class C							
F01.040.028	1KDP-SUPPORT-1A	KD MCM 1301.00-45	QAL-14	VT-3	NA		0.000 0.000	1A DIESEL GENERATOR JACKET WATER PUMP SUPPORT
	Class C							

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System

Supports other than Piping Supports (Class 1, 2, 3)

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Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.040.033	1CAP-SUPPORT-1A	CA MCM 1201.05-0063	QAL-14	VT-3	NA	0.000	0.000	1A AUXILIARY FEEDWATER PUMP MOTOR DRIVEN SUPPORT

Class C

F01.040.034	1RNST-SUPPORT-1A	RN MCM 1218.02-8 MCM 1218.02-9	QAL-14	VT-3	NA	0.000	0.000	1A NUCLEAR SERVICE WATER STRAINER SUPPORT
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Class C

Total F01.040 Items:	10
Total F01 Items:	97

CATEGORY AUG, Augmented Inspections**DUKE ENERGY CORPORATION
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05/17/2001****Augmented Exam, Reactor Coolant Pump****McGuire 1****Flywheel****Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
G01.001.003	1RCP-1C	NC MCM 1201.01-7	NDE-949	UT	CS	0.000 0.000	50237	REACTOR COOLANT PUMP 1C FLYWHEEL. AUGMENTED EXAMINATION. INSPECT ONCE PER INTERVAL I.A.W. TECHNICAL SPECIFICATION 5.5.7
Class A								
Total G01.001 Items:		1						
Total G01 Items:		1						

**CATEGORY R-A, Risk Informed Piping
Examinations**

Elements Subject to Thermal Fatigue

**DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
****	****							
R01.011.006	1SGB-OUTLET-W6SENC	MC1676-4	NDE-2930	UT	SS-CS	31.000	5149697	STEAM GENERATOR 1B OUTLET NOZZLE,
	Circumferential	MCM 1201.01-0782				2.500	5158172	DWG. MC-ISIN-1553-01.00, SEGMENT NC-006
Class A	Term end	MCM 1201.01-0769			Nozzle to			
	Dissimilar				Safe End			
R01.011.016	1NC1F-1493	NC MCFI-1NC34	NDE-2090	UT	SS	1.500	TBD	SEGMENT NC-025
	Circumferential	MC-ISIN-1553-01.00			160	0.281		
Class A		MC-1676-4.1			Pipe to			
					Sweepolet			
R01.011.017	1NC1F-1615	NC MCFI-1NC44	NDE-2090	UT	SS	1.500	TBD	SEGMENT NC-026
	Circumferential	MC-ISIN-1553-01.00			160	0.281		
Class A		MC-1676-4.1			Pipe to			
					Sweepolet			
R01.011.024	1NC1F1272	NC MCFI-1NC28	NDE-600	UT		2.000	*	SEGMENT NC-048,
	Circumferential	MC-ISIN-1554-03.00				0.344		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class A					Pipe to			REQUIREMENTS
					Reducer			
R01.011.087	1NI1FW97-1	NI MCFI-1NI97	NDE-600	UT	SS	4.000	*	SEGMENT NI-061A,
	Circumferential					0.531		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Pipe to			REQUIREMENTS
					Elbow			
R01.011.088	1NI1F364	NI MCFI-1NI75	NDE-600	UT	SS	3.000	*	SEGMENT NI-062A,
	Circumferential					0.438		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Pipe to			REQUIREMENTS
					Valve			
R01.011.137	1NV1F7900	NV MCFI-1NV144	NDE-600	UT	SS	4.000	*	SEGMENT NV-002B,
	Circumferential	MC-ISIN-1554-03.01			40	0.237		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Pipe to			REQUIREMENTS
					Elbow			
R01.011.139	1NV29-1	NV MCFI-1NV185	NDE-600	UT	SS	4.000	*	SEGMENT NV-011A
	Circumferential	MC-ISIN-1554-03.01				0.531		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Pipe to			REQUIREMENTS
					Elbow			

**CATEGORY R-A, Risk Informed Piping
Examinations**

**DUKE ENERGY CORPORATION
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Elements Subject to Thermal Fatigue

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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
R01.011.153	1NV1F2112	NV	MCFI-1NV63	NDE-600	UT	SS	2.000	*	SEGMENT NV-020AG,
	Circumferential		MC-ISIN-1554-01.00				0.344		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Pipe to Pipe				REQUIREMENTS
R01.011.154	1NV1F331	NV	MCFI-1NV5	NDE-600	UT	SS	2.000	*	SEGMENT NV-020IA,
	Circumferential		MC-ISIN-1554-01.00				0.344		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Pipe to Reducer				REQUIREMENTS
R01.011.155	1NV3-3	NV	MCFI-1NV185	NDE-600	UT	SS	3.000	*	SEGMENT NV-065,
	Circumferential		MC-ISIN-1554-03.00				0.438		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Elbow to Pipe				REQUIREMENTS
R01.011.156	1NV1F6223	NV	MCFI-1NV145	NDE-600	UT	SS	2.000	*	SEGMENT NV-077B,
	Circumferential		MC-ISIN-1554-01.02				0.344		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Reducer to Pipe				REQUIREMENTS
R01.011.157	1NV1FW53-51	NV	MCFI-1NV53	NDE-600	UT	SS	3.000	*	SEGMENT NV-080A,
	Circumferential		MC-ISIN-1554-01.02				0.438		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Pipe to Tee				REQUIREMENTS
R01.011.158	1NV1FW53-27	NV	MCFI-1NV53	NDE-600	UT	SS	2.000	*	SEGMENT NV-081,
	Circumferential		MC-ISIN-1554-01.02				0.436		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Valve to Pipe				REQUIREMENTS
R01.011.166	1RCPSS-OUT-1	NV	MCFI-1NV144	NDE-600	UT	SS	4.000	*	SEGMENT NV-108A,
	Circumferential		MC-ISIN-1554-03.00				0.237		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B	Term end				Pipe to Flange				REQUIREMENTS
R01.011.167	1RCHP-IN	NV	MCFI-1NV144	NDE-600	UT	SS	4.000	*	SEGMENT NV-0108A,
	Circumferential		MC-ISIN-1554-03.00				0.237		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B	Term end				Valve to Recip. Charging Pump				REQUIREMENTS
R01.011.203	1RV1F109A	RV	MCFI-1RV31	NDE-600	UT	CS	12.000	*	SEGMENT RV-012,
	Circumferential		MC-ISIN-1604-03.00				0.375		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Pipe to Pipe				REQUIREMENTS

CATEGORY R-A, Risk Informed Piping Examinations

DUKE ENERGY CORPORATION
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Elements Subject to Thermal Fatigue

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
Total R01.011 Items:		17						
**** ****								
R01.013.004	1RV1F107	RV MCFCI-1RV31	NDE-946	UT	CS	12.000	STEP	SEGMENT RV-013
	Circumferential	MC-ISIN-1604.03-00				0.375	WEDGE	EXAMINE A 1 FT. LENGTH OF PIPE AT WELD TO
Class B				Pipe to Pipe				DETERMINE WALL THKS.
Total R01.013 Items:		1						
Total R01 Items:		18						

Duke Power Company
ISI Plan Management
Inservice Inspection Plan For:
McGuire Unit 1
Interval 3
ISI Outage 7
Refueling Outage **EOC 21**

ISI Inspection Listing

Revision 0

**CATEGORY B-A, Pressure Retaining Welds
in Reactor Vessel**

**DUKE ENERGY CORPORATION
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Shell Welds

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Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B01.012.006	1RPV 2-442C	MCM 1201.01-146	See Com	UT	CS	0.000	See Com	MIDDLE SHELL LONG SEAM
	Longitudinal	MCM 1201.01-223				8.600		APPROX. 240 DEG. ,
Class A								PROCEDURE 54-ISI-800,
								CAL. BLOCK FTI-RPV-95001
B01.012.007	1RPV 3-442A	MCM 1201.01-146	See Com	UT	CS	0.000	See Com	LOWER SHELL LONG SEAM
	Longitudinal	MCM 1201.01-223				8.600		APPROX. 60 DEG. ,
Class A								PROCEDURE 54-ISI-800,
								CAL. BLOCK FTI-RPV-95001
B01.012.008	1RPV 3-442B	MCM 1201.01-146	See Com	UT	CS	0.000	See Com	LOWER SHELL LONG SEAM
	Longitudinal	MCM 1201.01-223				8.600		APPROX. 180 DEG. ,
Class A								PROCEDURE 54-ISI-800,
								CAL. BLOCK FTI-RPV-95001
B01.012.009	1RPV 3-442C	MCM 1201.01-146	See Com	UT	CS	0.000	See Com	LOWER SHELL LONG SEAM
	Longitudinal	MCM 1201.01-223				8.600		APPROX. 300 DEG. ,
Class A								PROCEDURE 54-ISI-800,
								CAL. BLOCK FTI-RPV-95001

Total B01.012 Items: 9

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Circumferential ****								
B01.021.002	1RPV 4-469	MCM 1201.01-146	See Com	UT	CS	0.000	See Com	BOTTOM HEAD
	Circumferential	MCM 1201.01-223				5.300		PC. 469-01 TO PC. 469-02 ,
	Class A							PROCEDURE 54-ISI-800,
								CAL. BLOCK FTI-RPV-95001
Total B01.021 Items:		1						
**** Meridional ****								
B01.022.006	1RPV 1-202A	MCM 1201.01-146	See Com	UT	CS	0.000	See Com	BOTTOM HEAD MERIDIONAL WELD
	Longitudinal	MCM 1201.01-223				5.300		APPROX. 30 DEG. ,
	Class A							PROCEDURE 54-ISI-800,
								CAL. BLOCK FTI-RPV-95001
B01.022.007	1RPV 1-202B	MCM 1201.01-146	See Com	UT	CS	0.000	See Com	BOTTOM HEAD MERIDIONAL WELD
	Longitudinal	MCM 1201.01-223				5.300		APPROX. 90 DEG. ,
	Class A							PROCEDURE 54-ISI-800,
								CAL. BLOCK FTI-RPV-95001
B01.022.008	1RPV 1-202C	MCM 1201.01-146	See Com	UT	CS	0.000	See Com	BOTTOM HEAD MERIDIONAL WELD
	Longitudinal	MCM 1201.01-223				5.300		APPROX.150 DEG. ,
	Class A							PROCEDURE 54-ISI-800,
								CAL. BLOCK FTI-RPV-95001
B01.022.009	1RPV 1-202D	MCM 1201.01-146	See Com	UT	CS	0.000	See Com	BOTTOM HEAD MERIDIONAL WELD
	Longitudinal	MCM 1201.01-223				5.300		APPROX. 210 DEG. ,
	Class A							PROCEDURE 54-ISI-800,
								CAL. BLOCK FTI-RPV-95001
B01.022.010	1RPV 1-202E	MCM 1201.01-146	See Com	UT	CS	0.000	See Com	BOTTOM HEAD MERIDIONAL WELD
	Longitudinal	MCM 1201.01-223				5.300		APPROX. 270 DEG. ,
	Class A							PROCEDURE 54-ISI-800,
								CAL. BLOCK FTI-RPV-95001
B01.022.011	1RPV 1-202F	MCM 1201.01-146	See Com	UT	CS	0.000	See Com	BOTTOM HEAD MERIDIONAL WELD
	Longitudinal	MCM 1201.01-223				5.300		APPROX. 330 DEG. ,
	Class A							PROCEDURE 54-ISI-800,
								CAL. BLOCK FTI-RPV-95001
Total B01.022 Items:		6						

CATEGORY B-A, Pressure Retaining Welds
in Reactor VesselDUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
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05/17/2001**Shell-to-Flange Weld**

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Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
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B01.030.002	1RPV 7-442	MCM 1201.01-146	See Com	UT	CS	0.000	See Com	NOZZLE BELT TO FLANGE
	Circumferential	MCM 1201.01-223				10.700		PC. 454-01 TO 442-06
	Class A							UT FROM VESSEL ID ,
								PROCEDURE 54-ISI-800,
								CAL. BLOCK FTI-RPV-95001

Total B01.030 Items:	1
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Total B01 Items:	20
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**CATEGORY B-D, Full Penetration Welds of
Nozzels in Vessels**

**DUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System**

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Reactor Vessel

McGuire 1

Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
*** Nozzle-to-Vessel Welds ***								
B03.090.001	1RPV5-445A	MCM 1201.01-148	See Com	UT	CS	61.500	See Com	INLET NOZZLE A TO SHELL 67 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM VESSEL ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-800
								CAL. BLOCK FTI-RPV-95001
B03.090.001A	1RPV5-445A	MCM 1201.01-148	See Com	UT	CS	61.500	50304	INLET NOZZLE A TO SHELL 67 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106
B03.090.002	1RPV5-445B	MCM 1201.01-148	See Com	UT	CS	61.500	See Com	INLET NOZZLE B TO SHELL 113 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM VESSEL ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-800
								CAL. BLOCK FTI-RPV-95001
B03.090.002A	1RPV5-445B	MCM 1201.01-148	See Com	UT	CS	61.500	50304	INLET NOZZLE B TO SHELL 113 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106
B03.090.003	1RPV5-445C	MCM 1201.01-148	See Com	UT	CS	61.500	See Com	INLET NOZZLE C TO SHELL 247 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM VESSEL ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-800
								CAL. BLOCK FTI-RPV-95001
B03.090.003A	1RPV5-445C	MCM 1201.01-148	See Com	UT	CS	61.500	50304	INLET NOZZLE C TO SHELL 247 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106
B03.090.004	1RPV5-445D	MCM 1201.01-148	See Com	UT	CS	61.500	See Com	INLET NOZZLE D TO SHELL 293 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM VESSEL ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-800
								CAL. BLOCK FTI-RPV-95001
B03.090.004A	1RPV5-445D	MCM 1201.01-148	See Com	UT	CS	61.500	50304	INLET NOZZLE D TO SHELL 293 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106

**CATEGORY B-D, Full Penetration Welds of
Nozzels in Vessels**
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B03.090.005	1RPV5-445E	MCM 1201.01-148	See Com	UT	CS	52.900	See Com	OUTLET NOZZLE E TO SHELL 22 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM VESSEL ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-800
								CAL. BLOCK FTI-RPV-95001
B03.090.005A	1RPV5-445E	MCM 1201.01-148	See Com	UT	CS	52.900	50304	OUTLET NOZZLE E TO SHELL 22 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106
B03.090.006	1RPV5-445F	MCM 1201.01-148	See Com	UT	CS	52.900	See Com	OUTLET NOZZLE F TO SHELL 158 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM VESSEL ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-800
								CAL. BLOCK FTI-RPV-95001
B03.090.006A	1RPV5-445F	MCM 1201.01-148	See Com	UT	CS	52.900	50304	OUTLET NOZZLE F TO SHELL 158 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106
B03.090.007	1RPV5-445G	MCM 1201.01-148	See Com	UT	CS	52.900	See Com	OUTLET NOZZLE G TO SHELL 202 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM VESSEL ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-800
								CAL. BLOCK FTI-RPV-95001
B03.090.007A	1RPV5-445G	MCM 1201.01-148	See Com	UT	CS	52.900	50304	OUTLET NOZZLE G TO SHELL 202 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106
B03.090.008	1RPV5-445H	MCM 1201.01-148	See Com	UT	CS	52.900	See Com	OUTLET NOZZLE H TO SHELL 338 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM VESSEL ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-800
								CAL. BLOCK FTI-RPV-95001
B03.090.008A	1RPV5-445H	MCM 1201.01-148	See Com	UT	CS	52.900	50304	OUTLET NOZZLE H TO SHELL 338 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106

Total B03.090 Items:

16

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nozzle Inside Radius Section ****								
B03.100.001	1RPV5-445AR	MCM 1201.01-148	See Com	UT	CS	61.500	See Com	INLET NOZZLE A TO SHELL 67 DEG.
	Circumferential	MCM 1201.01-223				10.900		UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106
								CAL. BLOCK FTI-RPV-95001
B03.100.002	1RPV5-445BR	MCM 1201.01-148	See Com	UT	CS	61.500	See Com	INLET NOZZLE B TO SHELL
	Circumferential	MCM 1201.01-223				10.900		113 DEG. UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106 CAL BLOCK
								FTI-RPV-95001
B03.100.003	1RPV5-445CR	MCM 1201.01-148	See Com	UT	CS	61.500	See Com	INLET NOZZLE C TO SHELL
	Circumferential	MCM 1201.01-223				10.900		247 DEG. UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106
								CAL. BLOCK FTI-RPV-95001
B03.100.004	1RPV5-445DR	MCM 1201.01-148	See Com	UT	CS	61.500	See Com	INLET NOZZLE D TO SHELL
	Circumferential	MCM 1201.01-223				10.900		293 DEG. UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106
								CAL. BLOCK FTI-RPV-95001
B03.100.005	1RPV5-445ER	MCM 1201.01-148	See Com	UT	CS	52.900	See Com	OUTLET NOZZLE E TO SHELL
	Circumferential	MCM 1201.01-223				10.900		22 DEG. UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106
								CAL. BLOCK FTI-RPV-95001
B03.100.006	1RPV5-445FR	MCM 1201.01-148	See Com	UT	CS	52.900	See Com	OUTLET NOZZLE F TO SHELL
	Circumferential	MCM 1201.01-223				10.900		158 DEG. UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106
								CAL. BLOCK FTI-RPV-95001
B03.100.007	1RPV5-445GR	MCM 1201.01-148	See Com	UT	CS	52.900	See Com	OUTLET NOZZLE G TO SHELL
	Circumferential	MCM 1201.01-223				10.900		202 DEG. UT FROM NOZZLE ID.
Class A		MCM 1201.01-146						PROCEDURE 54-ISI-106
								CAL. BLOCK FTI-RPV-95001
B03.100.008	1RPV5-445HR	MCM 1201.01-148	See Com	UT	CS	52.900	See Com	OUTLET NOZZLE H TO SHELL
	Circumferential	MCM 1201.01-223				10.900		338 DEG.
Class A		MCM 1201.01-146						UT FROM NOZZLE ID.
								PROCEDURE 54-ISI-106
								CAL. BLOCK FTI-RPV-95001

CATEGORY B-D, Full Penetration Welds of
Nozzels in Vessels

Reactor Vessel

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
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Total B03.100 Items:	8
Total B03 Items:	24

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

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Steam Generators

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Bolts and Studs ****								
B06.090.003	1SGB-MW-X1-Y1	MCM 1201.01-0747 MCM 1201.01-0683	NDE-2047	UT	CS	2.625 26.625	7C015	SG1B PRIMARY INLET MANWAY BOLTING 20 BOLTS X1-Y1 QUADRANT
Class A								
B06.090.004	1SGB-MW-X1-Y2	MCM 1201.01-0747 MCM 1201.01-0683	NDE-2047	UT	CS	2.625 26.625	7C015	SG1B PRIMARY OUTLET MANWAY BOLTING 20 BOLTS X1-Y2 QUADRANT
Class A								
B06.090.005	1SGC-MW-X2-Y1	MCM 1201.01-0747 MCM 1201.01-0684	NDE-2047	UT	CS	2.500 26.625	7C015	SG1C PRIMARY INLET MANWAY BOLTING 20 BOLTS X2-Y1 QUADRANT
Class A								
B06.090.006	1SGC-MW-X2-Y2	MCM 1201.01-0747 MCM 1201.01-0684	NDE-2047	UT	CS	2.500 26.625	7C015	SG1C PRIMARY OUTLET MANWAY BOLTING 20 BOLTS X2-Y2 QUADRANT
Class A								
Total B06.090 Items:		4						

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
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B06.100.003	1SGB-MW-X1-Y1	MCM 1201.01-0791	QAL-13	VT-1	CS	0.000 0.000	SG1B PRIMARY INLET MANWAY FLANGE SURFACE X1-Y1 QUADRANT
Class A							
B06.100.004	1SGB-MW-X1-Y2	MCM 1201.01-0791	QAL-13	VT-1	CS	0.000 0.000	SG1B PRIMARY OUTLET MANWAY FLANGE SURFACE X1-Y2 QUADRANT
Class A							
B06.100.005	1SGC-MW-X2-Y1	MCM 1201.01-0791	QAL-13	VT-1	CS	0.000 0.000	SG1C PRIMARY INLET MANWAY FLANGE SURFACE X2-Y1 QUADRANT
Class A							
B06.100.006	1SGC-MW-X2-Y2	MCM 1201.01-0791	QAL-13	VT-1	CS	0.000 0.000	SG1C PRIMARY OUTLET MANWAY FLANGE SURFACE X2-Y2 QUADRANT
Class A							

Total B06.100 Items: 4

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter**

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Steam Generators

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nuts, Bushings, and Washers ****								
B06.110.003	1SGB-MW-X1-Y1	MCM 1201.01-0747 MCM 1201.01-0683	QAL-13	VT-1	CS	2.500 0.000		SG1B PRIMARY INLET MANWAY NUTS (20) X1-Y1 QUADRANT
Class A								
B06.110.004	1SGB-MW-X1-Y2	MCM 1201.01-0747 MCM 1201.01-0683	QAL-13	VT-1	CS	2.500 0.000		SG1B PRIMARY OUTLET MANWAY NUTS (20) X1-Y2 QUADRANT
Class A								
B06.110.005	1SGC-MW-X2-Y1	MCM 1201.01-0747 MCM 1201.01-0684	QAL-13	VT-1	CS	2.500 0.000		SG1C PRIMARY INLET MANWAY NUTS (20) X2-Y1 QUADRANT
Class A								
B06.110.006	1SGC-MW-X2-Y2	MCM 1201.01-0747 MCM 1201.01-0684	QAL-13	VT-1	CS	2.500 0.000		SG1C PRIMARY OUTLET MANWAY NUTS (20) X2-Y2 QUADRANT
Class A								
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Total B06.110 Items:		4						

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter**

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Pumps

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Flange Surface, when connection dissassembled ****								
B06.190.001	1RCP-1A-FLANGE	MCM 1201.01-7	QAL-13	VT-1	SS	77.000 10.370	-----	RCP1A MAIN FLANGE INSPECT ONLY IF DISASSEMBLED MCM 1201.01-193 PUMP MANUAL
Class A								
B06.190.002	1RCP-1B-FLANGE	MCM 1201.01-7	QAL-13	VT-1	SS	77.000 10.370	-----	RCP1B MAIN FLANGE INSPECT ONLY IF DISASSEMBLED MCM 1201.01-193 PUMP MANUAL
Class A								
B06.190.003	1RCP-1C-FLANGE	MCM 1201.01-7	QAL-13	VT-1	SS	77.000 10.370	-----	RCP1C MAIN FLANGE INSPECT ONLY IF DISASSEMBLED MCM 1201.01-193 PUMP MANUAL
Class A								
B06.190.004	1RCP-1D-FLANGE	MCM 1201.01-7	QAL-13	VT-1	SS	77.000 10.370	-----	RCP1D MAIN FLANGE INSPECT ONLY IF DISASSEMBLED MCM 1201.01-193 PUMP MANUAL
Class A								
<hr/>								
Total B06.190 Items:		4						
Total B06 Items:		16						

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

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Valves

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Bolts, Studs, and Nuts ****								
B07.070.065A	1NI-160	MCM 1205.36-0028	QAL-13	VT-1	SS	1.250		6" VALVE, MCFI-1NI35
		MCFD 1562-03.00				0.000		INSPECT ONLY ONE VALVE IN THIS GROUP
	Class A							(65A-65B) PER INTERVAL ITEM # 5J-001
Total B07.070 Items:		1						
Total B07 Items:		1						

**CATEGORY B-K, Welded Attachments for
Vessels, Piping, Pumps, and Valves**

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Pressure Vessels

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Welded Attachments ****								
B10.010.001	1PZR-SKIRT	MCM 1201.01-170	NDE-25	MT	CS	87.000		ITEM # CHANGED FROM B08.020.001 DUE TO CODE CHANGE. EXAM MOVED TO OUT. 7 IN 3rd INTERVAL TO ADJUST PERCENTAGES
		MCM 1201.01-0048				1.500		
Class A		MCM 1201.01-140			PZR Support Skirt to Lower Head			
B10.010.001A	1PZR-SKIRT	MCM 1201.01-170	NDE-2052	UT	CS	87.000	50237B	REF. REQ. FOR ALTERNATIVE 00-001 ITEM # CHANGED FROM B08.020.001 DUE TO CODE CHANGE. WAS EXAMINED OUTAGE 7 SECOND INT.
		MCM 1201.01-0048				1.500		
Class A		MCM 1201.01-140			PZR Support Skirt to Lower Head			
Total B10.010 Items:		2						
Total B10 Items:		2						

CATEGORY B-L-2, Pump Casings**DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Pump Casing ****								
B12.020.001	1RCP-1A	MCM 1201.01-7	QAL-14	VT-3	SS	77.000 4.500		PUMP CASING INTERNAL SURFACES INSPECT ONE REACTOR COOLANT PUMP PER INTERVAL. INSPECT ONLY IF DISASSEMBLED.
Class A								
B12.020.002	1RCP-1B	MCM 1201.01-7	QAL-14	VT-3	SS	77.000 4.500		PUMP CASING INTERNAL SURFACES INSPECT ONE REACTOR COOLANT PUMP PER INTERVAL. INSPECT ONLY IF DISASSEMBLED.
Class A								
B12.020.003	1RCP-1C	MCM 1201.01-7	QAL-14	VT-3	SS	77.000 4.500		PUMP CASING INTERNAL SURFACES INSPECT ONE REACTOR COOLANT PUMP PER INTERVAL. INSPECT ONLY IF DISASSEMBLED.
Class A								
B12.020.004	1RCP-1D	MCM 1201.01-7	QAL-14	VT-3	SS	77.000 4.500		PUMP CASING INTERNAL SURFACES INSPECT ONE REACTOR COOLANT PUMP PER INTERVAL. INSPECT ONLY IF DISASSEMBLED.
Class A								
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Total B12.020 Items:		4						

CATEGORY B-M-2, Valve Bodies

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Valves

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Valve Body, Exceeding NPS 4 ****								
B12.050.001A	1NC-1	MCM 1205.09-0001 MCFD-1553-02.00	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NC5 CROSBY RELIEF VALVE INSPECT ONE VALVE IN THIS GROUP (1A-1C) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 1NC-0001
Class A								
B12.050.001B	1NC-2	MCM 1205.09-0001 MCFD-1553-02.00	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NC5 CROSBY RELIEF VALVE INSPECT ONE VALVE IN THIS GROUP (1A-1C) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 1NC-0002
Class A								
B12.050.001C	1NC-3	MCM 1205.09-0001 MCFD-1553-02.00	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NC5 CROSBY RELIEF VALVE INSPECT ONE VALVE IN THIS GROUP (1A-1C) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 1NC-0003
Class A								
B12.050.002A	1ND-1B	MCM-1205.00-0010 MCFD-1561-01.00	QAL-14	VT-3	SS	14.000 0.000		MCFI-1ND38 WALWORTH GATE VALVE INSPECT ONE VALVE IN THIS GROUP (2A-2B) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-001
Class A								
B12.050.002B	1ND-2A	MCM-1205.00-0010 MCFD-1561-01.00	QAL-14	VT-3	SS	14.000 0.000		MCFI-1ND38 WALWORTH GATE VALVE INSPECT ONE VALVE IN THIS GROUP (2A-2B) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-001
Class A								
B12.050.003A	1NI-54A	MCM-1205.00-0012 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI79 CRANE-ALOYCO GATE VALVE INSPECT ONE VALVE IN THIS GROUP (3A-3D) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-005
Class A								

CATEGORY B-M-2, Valve Bodies

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Valves**McGuire 1****Inservice Inspection Plan for Interval 3 Outage 7**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B12.050.003B	1NI-65B	MCM1205.00-0012 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI80 CRANE-ALOYCO GATE VALVE INSPECT ONE VALVE IN THIS GROUP (3A-3D) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-043
Class A								
B12.050.003C	1NI-76A	MCM-1205.00-0012 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI87 CRANE-ALOYCO GATE VALVE INSPECT ONE VALVE IN THIS GROUP (3A-3D) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-043
Class A								
B12.050.003D	1NI-88B	MCM-1205.00-0012 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI86 CRANE-ALOYCO GATE VALVE INSPECT ONE VALVE IN THIS GROUP (3A-3D) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-043
Class A								
B12.050.004A	1NI-59	MCM 1205.36-0011 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI79 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-055
Class A								
B12.050.004B	1NI-60	MCM 1205.36-0010 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI79 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-054
Class A								
B12.050.004C	1NI-70	MC 1205.36-0011 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI80 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-055
Class A								
B12.050.004D	1NI-71	MCM 1205.36-0010 MCFD-1562-02.00	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI62 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-054
Class A								

CATEGORY B-M-2, Valve Bodies

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B12.050.004E	1NI-81	MCM 1205.36-0011 MCFD-1562-02.01	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI87 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-055
Class A								
B12.050.004F	1NI-82	MCM 1205.36-0010 MCFD-1562-02.01	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI87 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-054
Class A								
B12.050.004G	1NI-93	MCM 1205.36-0011 MCFD-1562-02.01	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI86 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-055
Class A								
B12.050.004H	1NI-94	MCM 1205.36-0010 MCFD-1562-02.01	QAL-14	VT-3	SS	10.000 0.000		MCFI-1NI86 ATWOOD-MORRILL CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (4A-4H) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-054
Class A								
B12.050.005A	1NI-125	MCM 1205.00-0006 MCFD-1562-03.00	QAL-14	VT-3	SS	8.000 0.000		MCFI-1NI53 ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (5A-5B) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-010
Class A								
B12.050.005B	1NI-129	MCM 1205.00-0006 MCFD 1562-03.00	QAL-14	VT-3	SS	8.000 0.000		MCFI-1NI53 ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (5A-5B) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-010
Class A								
B12.050.006A	1NI-126	MCM 1205.00-0005 MCFD-1562-03.00	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI53 CRANE-ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (6A-6F) PER INTERVAL. INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-008
Class A								

CATEGORY B-M-2, Valve Bodies

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Valves**McGuire 1****Inservice Inspection Plan for Interval 3 Outage 7**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
B12.050.006B	1NI-134	MCM 1205.00-0005 MCFD-1562-03.00	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI53 CRANE-ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (6A-6F) PER INTERVAL. INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-008
Class A								
B12.050.006C	1NI-157	MCM 1205.00-0005 MCFD-1562-03.00	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI53 CRANE-ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (6A-6F) PER INTERVAL. INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-008
Class A								
B12.050.006D	1NI-175	MCM 1205.00-0005 MCFD-1562-03.01	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI53 CRANE-ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (6A-6F) PER INTERVAL. INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-008
Class A								
B12.050.006E	1NI-180	MCM 1205.00-0005 MCFD-1562-03.01	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI53 CRANE-ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (6A-6F) PER INTERVAL. INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-008
Class A								
B12.050.006F	1NI-181	MCM 1205.00-0005 MCFD-1562-03.01	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI53 CRANE-ALOYCO CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (6A-6F) PER INTERVAL. INSPECT ONLY IF DISASSEMBLED. ITEM # 4J-008
Class A								
B12.050.007A	1NI-160	MCM 1205.36-0028 MCFD-1562-03.00	QAL-14	VT-3	SS	6.000 0.000		MCFI-1NI35 WESTINGHOUSE CHECK VALVE INSPECT ONE VALVE IN THIS GROUP (7A-7B) PER INTERVAL.INSPECT ONLY IF DISASSEMBLED. ITEM # 5J-001
Class A								

CATEGORY B-M-2, Valve Bodies**DUKE ENERGY CORPORATION
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Valves

McGuire 1

Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B12.050.007B	1NI-176	MCM 1205.36-0028	QAL-14	VT-3	SS	6.000		MCFI-1NI78
		MCFD-1562-03.01				0.000		WESTINGHOUSE CHECK VALVE
Class A								INSPECT ONE VALVE IN THIS GROUP (7A-7B)
								PER INTERVAL.INSPECT ONLY IF
								DISASSEMBLED. ITEM # 5J-001
Total B12.050 Items:		27						
Total B12 Items:		31						

CATEGORY B-N-1, Interior of Reactor Vessel

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Reactor Vessel**McGuire 1****Inservice Inspection Plan for Interval 3 Outage 7**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
*** Vessel Interior ***								
B13.010.001	1RPV-INTERIOR	MCM 1201.01-146	QAL-14	VT-3	SS		0.000	AREA ABOVE AND BELOW CORE MADE
		MCM 1201.01-223					0.000	ACCESSIBLE DURING REFUELING OUTAGES.
	Class A							INSPECT ONCE EACH INSPECTION PERIOD
<hr/>								
Total B13.010 Items:		1						

**CATEGORY B-N-2. Integral Welded Core
Support Structures And Interior Attach of RV**DUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
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McGuire 1

Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Interior Attachments Beyond Beltline Region ****								
B13.060.001	1RPV-KEYWAY	MCM 1201.01-0165	QAL-14	VT-3	SS	0.000 0.000		6 RADIAL KEYWAYS APPROX. 60 DEGREE INTERVALS LOWER SHELL
Class A								
B13.060.002	1RPV-INCORE	MCM 1201.01-0165	QAL-14	VT-3	SS	0.000 0.000		58 INCORE INSTURMENTATION NOZZLES (BOTTOM HEAD)
Class A								
<hr/>								
Total B13.060 Items:		2						

CATEGORY B-N-3. Removable Core Support StructuresDUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
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Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Core Support Structure ****								
B13.070.001	1RPV-CORE-SUP	MCM 1201.01-224	QAL-14	VT-3	SS	0.000		STRUCTURE SHALL BE REMOVED FROM
		MCM 1201.01-146				0.000		REACTOR VESSEL TO PERFORM EXAMINATION
	Class A	MCM 1201.01-223						
<hr/>								
Total B13.070 Items:		1						
Total B13 Items:		4						

**CATEGORY C-A, Pressure Retaining Welds
In Pressure Vessels**DUKE ENERGY CORPORATION
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05/17/2001**Inservice Inspection Plan for Interval 3 Outage 7****Head Circumferential Welds**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
C01.020.074	5141-3-HD1	MCM 1201.06-0015	NDE-2030	UT	SS	10.920	50428	REGENERATIVE HEAT EXCHANGER
	Circumferential					1.075		
	Class B				Nozzle belt to Head (Shell 3)			
C01.020.075	5141-3-HD2	MCM 1201.06-0015	NDE-2030	UT	SS	10.920	50428	REGENERATIVE HEAT EXCHANGER
	Circumferential					1.075		
	Class B				Shell to Head (Shell 3)			
Total C01.020 Items:		2						

**CATEGORY C-A, Pressure Retaining Welds
In Pressure Vessels**DUKE ENERGY CORPORATION
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05/17/2001**Tubesheet-to-Shell Weld**

McGuire 1

Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
C01.030.024	5141-3-NB-TS	MCM 1201.06-0015	NDE-2030	UT	SS	10.920	50428	REGENERATIVE HEAT EXCHANGER
	Circumferential					1.075		
	Class B				Nozzle belt to Tubesheet (Shell 3)			
C01.030.025	5141-3-TS-SH	MCM 1201.06-0015	NDE-2030	UT	SS	10.920	50428	REGENERATIVE HEAT EXCHANGER
	Circumferential					1.075		
	Class B				Tubesheet to Shell (Shell 3)			
<hr/>								
Total C01.030 Items:		2						
Total C01 Items:		4						

CATEGORY C-B, Pressure Retaining Nozzle**Welds In Vessels**

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Nozzles Without Reinforcing Plate In Vessels >

McGuire 1

Inservice Inspection Plan for Interval 3 Outage 7**1/2 in. Nom. Thickness**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
**** Nozzle-to-Shell (or Head) Weld ****								
C02.021.002	1SGD-W259	MCM 1201.01-0782	NDE-620	UT	CS	6.000	5139385	STEAM GENERATOR 1D AUXILLARY
	Circumferential		See Com			4.125	50236A	FEEDWATER NOZZLE "DEPENDING UPON THE
Class B				Nozzle to				EXAMINER'S QUALIFICATIONS, PROCEDURE
				Steam drum				PDI-UT-6 MAY BE USED IN LIEU OF
								PROCEDURE NDE-620"
C02.021.002A	1SGD-W259	MCM 1201.01-0782	NDE-25	MT	CS	6.000		STEAM GENERATOR 1D AUXILLARY
	Circumferential					4.125		FEEDWATER NOZZLE
Class B				Nozzle to				
				Steam drum				
<hr/>								
Total C02.021 Items:		2						
Total C02 Items:		2						

**CATEGORY C-C, Welded Attachments For
Vessels, Piping, Pumps, And Valves****DUKE ENERGY CORPORATION
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McGuire 1

Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
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****** Welded Attachments ******

C03.020.011	1-MCA-CF-H205	CF	MCSRDCFC/sht. 12	NDE-25	MT	CS	18.000	WELDED ATTACHMENT
	Rigid Support						0.594	

Class B

C03.020.023	1-MCA-ND-H31	ND	MCSRDFWA/sht. 6	NDE-35	PT	SS	14.000	WELDED ATTACHMENT
	Spring Hgr						0.237	

Class B

C03.020.055	1-MCA-NV-H95	NV	MCSRDNVE/sht. 2	NDE-35	PT	SS	4.000	WELDED ATTACHMENT
	Rigid Support						0.125	

Class B

C03.020.056	1-MCA-NV-H459	NV	MCSRDNVD/sht. 1	NDE-35	PT	SS	8.000	WELDED ATTACHMENT
	Rigid Restraint						0.125	

Class B

Total C03.020 Items: 4**Total C03 Items: 4**

**CATEGORY D-A. Welded Attachments For
Vessels, Piping, Pumps, and Valves**

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Pressure Vessels

McGuire 1

Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Welded Attachments ****								
D01.010.003	1VGTK-SUPPORT-1A VG	MCM 1301.00-80	QAL-13	VT-1	NA	0.000	0.000	1A1 DIESEL GENERATOR STARTING AIR TANK WELDED ATTACHMENT

Class C

Total D01.010 Items: 1

**CATEGORY D-A, Welded Attachments For
Vessels, Piping, Pumps, and Valves**DUKE ENERGY CORPORATION
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Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
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****** Welded Attachments ******

D01.020.071	1-MCA-RN-H301	RN	MCSR-D-RN-315	QAL-13	VT-1	NA	8.000	WELDED ATTACHMENT
	Rigid Support		MCFD 1574-02.00				0.125	
Class C								

Total D01.020 Items:	1
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Total D01 Items:	2
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CATEGORY F-A, Supports

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Class 1 Piping Supports

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.022C	1-MCR-NC-550	NC MCSRD-NC-03/sht. 1	QAL-14	VT-3	NA		4.000	
	Spring Hgr						0.000	
	Class A							
F01.010.023A	1-MCR-NC-885	NC MCSRD-WL-02/sht. 1	QAL-14	VT-3	NA		2.000	
	Rigid Support						0.000	
	Class A							
F01.010.025C	1-MCR-NC-891	NC MCSRD-WL-02/sht. 1	QAL-14	VT-3	NA		2.000	
	Mech Snubber						0.000	
	Class A							
F01.010.056C	1-MCR-ND-514	ND MCSRD-ND-01/sht. 1	QAL-14	VT-3	NA		14.000	
	Spring Hgr						0.000	
	Class A							
F01.010.119B	1-MCR-NI-730	NI MCSRD-NI-09/sht. 1	QAL-14	VT-3	NA		2.000	
	Rigid Restraint						0.000	
	Class A							
F01.010.120C	1-MCR-NI-733	NI MCSRD-NI-09/sht. 1	QAL-14	VT-3	NA		2.000	
	Hyd Snubber						0.000	
	Class A							
F01.010.121C	1-MCR-NI-858	NI MCSRD-NI-16/sht. 1	QAL-14	VT-3	NA		1.500	
	Mech Snubber						0.000	
	Class A							
F01.010.122C	1-MCR-NI-913	NI MCSRD-NI-14/sht. 1	QAL-14	VT-3	NA		1.500	
	Spring Hgr						0.000	
	Class A							

CATEGORY F-A, Supports**DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.155B	1-MCR-NV-859	NV MCSRD-NV-09/sht. 1	QAL-14	VT-3	NA	1.500		
	Rigid Restraint					0.000		
	Class A							
F01.010.156B	1-MCR-NV-895	NV MCSRD-NV-07/sht. 1	QAL-14	VT-3	NA	2.000		
	Rigid Restraint					0.000		
	Class A							

Total F01.010 Items: 10

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION
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Class 2 Piping Supports

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Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.005C	1-MCR-CA-H397	CA MCSRD-CAN/sht. 1	QAL-14	VT-3	NA		6.000	
	Spring Hgr						0.000	
	Class B							
F01.020.013C	1-MCA-CA-H468	CA MCSRD-CAP/sht. 2	QAL-14	VT-3	NA		6.000	
	Mech Snubber						0.000	
	Class B							
F01.020.055A	1-MCA-CF-H205	CF MCSRD-CFC/sht. 12	QAL-14	VT-3	NA		18.000	
	Rigid Support						0.594	
	Class B							
F01.020.057A	1-MCR-CF-H400	CF MCSRD-CFC/sht. 12	QAL-14	VT-3	NA		24.000	
	Rigid Support						0.000	
	Class B							
F01.020.102C	1-MCA-FW-H10	FW MCSRD-FWA/sht. 1	QAL-14	VT-3	NA		0.000	
	Spring Hgr	MCFD 1571-01.00					0.000	
	Class B							
F01.020.104A	1-MCA-FW-H11	FW MCSRD-FWA/sht. 1	QAL-14	VT-3	NA		0.000	
	Rigid Support	MCFD 1571-01.00					0.000	
	Class B							
F01.020.105C	1-MCA-FW-H111	FW MCSRD-FWA/sht. 1	QAL-14	VT-3	NA		0.000	
	Mech Snubber	MCFD 1571-01.00					0.000	
	Class B							
F01.020.106A	1-MCA-FW-H127	FW MCSRD-FWA/sht. 1	QAL-14	VT-3	NA		0.000	
	Rigid Support	MCFD 1571-01.00					0.000	
	Class B							

CATEGORY F-A, Supports

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.112C	1-MCA-FW-H110	FW MCSRD-FWA/sht. 1	QAL-14	VT-3	NA		0.000	
	Hyd Snubber	MCFD 1571-01.00					0.000	
Class B								
F01.020.113C	1-MCA-FW-H122	FW MCSRD-FWA/sht. 6	QAL-14	VT-3	NA		0.000	
	Hyd Snubber	MCFD 1571-01.00					0.000	
Class B								
F01.020.161A	1-MCA-ND-H79	ND MCSRD-NDA/sht. 8	QAL-14	VT-3	NA		8.000	
	Rigid Support						0.000	
Class B								
F01.020.175A	1-MCA-ND-H302	ND MCSRD-NDA/sht. 4	QAL-14	VT-3	NA		8.000	
	Rigid Support						0.000	
Class B								
F01.020.176C	1-MCA-ND-H304	ND MCSRD-NDA/sht. 5	QAL-14	VT-3	NA		8.000	
	Hyd Snubber						0.000	
Class B								
F01.020.177A	1-MCA-ND-H330	ND MCSRD-NDA/sht. 7	QAL-14	VT-3	NA		8.000	
	Rigid Support						0.000	
Class B								
F01.020.178C	1-MCA-ND-H31	ND MCSRD-FWA/sht. 6	QAL-14	VT-3	SS		14.000	
	Spring Hgr						0.237	
Class B								
F01.020.229A	1-MCR-NI-788	NI MCSRD-NI-09/sht. 3	QAL-14	VT-3	NA		4.000	
	Rigid Support						0.000	
Class B								
F01.020.230A	1-MCR-NI-823	NI MCSRD-NI-08/sht. 2	QAL-14	VT-3	NA		4.000	
	Rigid Support						0.000	
Class B								

CATEGORY F-A. Supports

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Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.231B	1-MCR-NI-826	NI MCSRD-NI-08/sht. 1	QAL-14	VT-3	NA	2.000		
	Rigid Restraint					0.000		
	Class B							
F01.020.232A	1-MCR-NI-853	NI MCSRD-NI-15/sht.1	QAL-14	VT-3	NA	3.000		
	Rigid Support					0.000		
	Class B							
F01.020.233A	1-MCR-NI-505	NI MCSRD-NI-01/sht. 1	QAL-14	VT-3	NA	6.000		
	Rigid Support					0.000		
	Class B							
F01.020.234B	1-MCR-NI-898	NI MCSRD-NI-13/sht.1	QAL-14	VT-3	NA	3.000		
	Rigid Restraint					0.000		
	Class B							
F01.020.274A	1-MCR-NS-659	NS MCSRD-NS-04/sht. 2	QAL-14	VT-3	NA	8.000		
	Rigid Support					0.000		
	Class B							
F01.020.275A	1-MCR-NS-679	NS MCSRD-NS-04/sht. 2	QAL-14	VT-3	NA	8.000		
	Rigid Support					0.000		
	Class B							
F01.020.276A	1-MCR-NS-709	NS MCSRD-NS-05/sht. 2	QAL-14	VT-3	NA	8.000		
	Rigid Support					0.000		
	Class B							
F01.020.277A	1-MCR-NS-714	NS MCSRD-NS-05/sht. 2	QAL-14	VT-3	NA	8.000		
	Rigid Support					0.000		
	Class B							
F01.020.337A	1-MCA-NV-H95	NV MCSRD-NVE/sht. 2	QAL-14	VT-3	NA	4.000		
	Rigid Support					0.125		
	Class B							

CATEGORY F-A, Supports

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Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.338A	1-MCA-NV-H195	NV MC-1190-NV-01-03	QAL-14	VT-3	NA	3.000		
	Rigid Support					0.000		
	Class B							
F01.020.339A	1-MCA-NV-H197	NV MC-1190-NV-01-03	QAL-14	VT-3	NA	3.000		
	Rigid Support					0.000		
	Class B							
F01.020.340A	1-MCA-NV-H274	NV MC-1190-NV-01-03	QAL-14	VT-3	NA	3.000		
	Rigid Support					0.000		
	Class B							
F01.020.341A	1-MCA-NV-H275	NV MC-1190-NV-01-02	QAL-14	VT-3	NA	4.000		
	Rigid Support					0.000		
	Class B							
F01.020.342C	1-MCA-NV-H433	NV MCSRD-NVA/sht. 9	QAL-14	VT-3	NA	3.000		
	Hyd Snubber					0.000		
	Class B							
F01.020.343C	1-MCA-NV-H5608	NV MCSRD-NVD/sht. 2	QAL-14	VT-3	NA	8.000		
	Mech Snubber					0.000		
	Class B							
F01.020.344B	1-MCA-NV-H459	NV MCSRD-NVD/sht. 1	QAL-14	VT-3	NA	8.000		
	Rigid Restraint					0.125		
	Class B							
F01.020.552C	1-MCA-SM-H15	SM MCSRD-SMA/sht. 2	QAL-14	VT-3	NA	42.000		
	Spring Hgr					0.000		
	Class B							
F01.020.560A	1-MCA-SM-H109	SM MCSRD-SMA/sht. 3	QAL-14	VT-3	NA	36.000		
	Rigid Support					0.000		
	Class B							

CATEGORY F-A, Supports**DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.561A	1-MCA-SM-H140	SM MCSRD-SMA/sht. 5	QAL-14	VT-3	NA	36.000		
	Rigid Support					0.000		
	Class B							
F01.020.655B	1-MCR-VQ-541	VQ MCSRD-VQ-01/sht. 1	QAL-14	VT-3	NA	6.000		
	Rigid Restraint					0.000		
	Class B							

Total F01.020 Items: 37

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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.186A Class C	1-MCA-RN-2030 Rigid Support	RN	MCSRDRN-301/sht.1 MCFD 1574-02.00	QAL-14	VT-3	NA		18.000 0.000	
F01.030.187A Class C	1-MCA-RN-1343 Rigid Support	RN	MCSRDRN-301/sht.2 MCFD 1574-01.01	QAL-14	VT-3	NA		30.000 0.000	
F01.030.188A Class C	1-MCA-RN-2039 Rigid Support	RN	MCSRDRN-301/sht.2 MCFD 1574-01.01	QAL-14	VT-3	NA		20.000 0.000	
F01.030.189A Class C	1-MCA-RN-H978 Rigid Support	RN	MCSRDRN-301/sht.2 MCFD 1574-01.01	QAL-14	VT-3	NA		20.000 0.000	
F01.030.190A Class C	1-MCA-RN-2023 Rigid Support	RN	MCSRDRN-301/sht.3 MCFD 1574-03.00	QAL-14	VT-3	NA		18.000 0.000	
F01.030.191A Class C	1-MCA-RN-2327 Rigid Support	RN	MCSRDRN-301/sht.4 MCFD 1574-03.00	QAL-14	VT-3	NA		20.000 0.000	
F01.030.192A Class C	1-MCA-RN-2081 Rigid Support	RN	MCSRDRN-302 MCFD 1574-02.00	QAL-14	VT-3	NA		8.000 0.000	
F01.030.193A Class C	1-MCA-RN-1075 Rigid Support	RN	MCSRDRN-303/sht.1 MCFD 1574-02.00	QAL-14	VT-3	NA		8.000 0.000	

CATEGORY F-A, Supports

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.194A	1-MCA-RN-1560	RN MCSRD-RN-305/sht.1	QAL-14	VT-3	NA	6.000		
	Rigid Support	MCFD 1574-01.00				0.000		
Class C								
F01.030.195A	1-MCA-RN-2123	RN MCSRD-RN-306	QAL-14	VT-3	NA	10.000		
	Rigid Support	MCFD 1574-03.00				0.000		
Class C								
F01.030.196A	1-MCA-RN-1314	RN MCSRD-RN-307/sht.3	QAL-14	VT-3	NA	36.000		
	Rigid Support	MCFD 1574-03.00`				0.000		
Class C								
F01.030.197A	1-MCA-RN-2341	RN MCSRD-RN-307/sht.3	QAL-14	VT-3	NA	20.000		
	Rigid Support	MCFD 1574-03.00`				0.000		
Class C								
F01.030.198A	1-MCA-RN-2339	RN MCSRD-RN-307/sht.2	QAL-14	VT-3	NA	20.000		
	Rigid Support	MCFD 1574-02.01`				0.000		
Class C								
F01.030.199A	1-MCA-RN-H993	RN MCSRD-RN-307/sht.4	QAL-14	VT-3	NA	36.000		
	Rigid Support	MCFD 1574-03.01`				0.000		
Class C								
F01.030.200A	1-MCA-RN-1105	RN MCSRD-RN-309/sht.1	QAL-14	VT-3	NA	6.000		
	Rigid Support	MCFD 1574-01.00`				0.000		
Class C								
F01.030.201A	1-MCA-RN-2518	RN MCSRD-RN-309/sht.3	QAL-14	VT-3	NA	8.000		
	Rigid Support	MCFD 1574-01.00				0.000		
Class C								
F01.030.202A	1-MCA-RN-2718	RN MCSRD-RN-312/sht.2	QAL-14	VT-3	NA	8.000		
	Rigid Support	MCFD 1574-02.00				0.000		
Class C								

CATEGORY F-A, Supports

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.203C	1-MCA-RN-2335	RN MCSRD-RN-307/sht.1	QAL-14	VT-3	NA	20.000		
	Hyd Snubber	MCFD 1574-02.01				0.000		
Class C								
F01.030.204C	1-MCA-RN-2468	RN MCSRD-RN-307/sht.4	QAL-14	VT-3	NA	36.000		
	Mech Snubber	MCFD 1574-03.01`				0.000		
Class C								
F01.030.205C	1-MCA-RN-1302	RN MCSRD-RN-301/sht.2	QAL-14	VT-3	NA	20.000		
	Spring Hgr	MCFD 1574-01.01				0.000		
Class C								
F01.030.215A	1-MCA-RN-2298	RN MCSRD-RN-316	QAL-14	VT-3	NA	8.000		
	Rigid Support	MCFD 1574-03.00				0.000		
Class C								
F01.030.216A	1-MCA-RN-H301	RN MCSRD-RN-315	QAL-14	VT-3	NA	8.000		
	Rigid Support	MCFD 1574-02.00				0.125		
Class C								
<hr/>								
Total F01.030 Items:		22						

CATEGORY F-A, Supports

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Supports other than Piping Supports (Class 1, 2, 3)

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.040.005	1SGC-LATERALS	NC MC-1070-05.01 MC-1070-10.01 MCM 1117.03-0055	QAL-14	VT-3	NA		0.000 0.000	STEAM GENERATOR 1C LOWER & UPPER LATERALS AND SNUBBERS
Class A								
F01.040.011	1SWIF-SUPPORT-1A NV	MCM 1201.04-0027	QAL-14	VT-3	NA		0.000 0.000	SEAL WATER INJECTION FILTER 1A SUPPORT
Class B								
F01.040.029	1VGTK-SUPPORT-1A VG	MCM 1301.00-80	QAL-14	VT-3	NA		0.000 0.000	1A1 DIESEL GENERATOR STARTING AIR TANK SUPPORT SKIRT
Class C								
F01.040.030	1WNP-SUPPORT-1B2WN	MCM 1203.04-0074	QAL-14	VT-3	NA		0.000 0.000	1B2 DIESEL GENERATOR ROOM SUMP PUMP SUPPORT
Class C								
F01.040.036	1CAPTD-SUPPORT	CA MCM 1201.05-218	QAL-14	VT-3	NA		0.000 0.000	AUXILIARY FEEDWATER PUMP TURBINE DRIVEN SUPPORT
Class C								
F01.040.043	1ELDHX-SUPPORT	NV MCM 1201.06-10	QAL-14	VT-3	NA		0.000 0.000	EXCESS LETDOWN HEAT EXCHANGER SUPPORT
Class B								
Total F01.040 Items:		6						
Total F01 Items:		75						

CATEGORY AUG, Augmented Inspections

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Augmented Exam, Pipe Rupture Protection

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G03.001.001	1NC-72-1 Circumferential	MCFI-1NC-47 MADM-257	NDE-600	UT	SS	10.000 1.000	*	AUGMENTED EXAMINATION REFERENCE DOCUMENT SRG-78-001 REV.2 (DISTRIBUTION CODE MADM-257) *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS
G03.001.001A	1NC-72-1 Circumferential	MCFI-1NC-47	NDE-35	PT	SS	10.000 1.000		AUGMENTED EXAMINATION REFERENCE DOCUMENT SRG-78-001 REV.2 (DISTRIBUTION CODE MADM-257)
G03.001.002	1NC1F-107 Circumferential	MCFI-1NC-47	NDE-600	UT	SS	10.000 1.000	*	AUGMENTED EXAMINATION REFERENCE DOCUMENT SRG-78-001 REV.2 (DISTRIBUTION CODE MADM-257), *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS
G03.001.002A	1NC1F-107 Circumferential	MCFI-1NC-47	NDE-35	PT	SS	10.000 1.000		AUGMENTED EXAMINATION REFERENCE DOCUMENT SRG-78-001 REV.2 (DISTRIBUTION CODE MADM-257), *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS
G03.001.003	1NC-73-1 Circumferential	MCFI-1NC-47	NDE-600	UT	SS	10.000 1.000	*	AUGMENTED EXAMINATION REFERENCE DOCUMENT SRG-78-001 REV.2 (DISTRIBUTION CODE MADM-257), *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS
G03.001.003A	1NC-73-1 Circumferential	MCFI-1NC-47	NDE-35	PT	SS	10.000 1.000		AUGMENTED EXAMINATION REFERENCE DOCUMENT SRG-78-001 REV.2 (DISTRIBUTION CODE MADM-257)
Total G03.001 Items:		6						
Total G03 Items:		6						

**CATEGORY R-A, Risk Informed Piping
Examinations**

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Elements Subject to Thermal Fatigue

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Inservice Inspection Plan for Interval 3 Outage 7

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL	BLOCKS	COMMENTS
**** ****									
R01.011.001	1RPV3-445E-SE	NC MCM 1201.01-148	See Com	UT	SS-CS	29.000		40397	PC. 445-06 TO PC. 445-07
	Circumferential	MCM 1201.01-146				2.312			22 DEG., PROCEDURE 54-ISI-106, SEGMENT
Class A	Term end	MCM 1201.01-0223			RV Outlet Nozzle to				NC-001
	Dissimilar				Safe End				
R01.011.002	1RPV3-445F-SE	NC MCM 1201.01-148	See Com	UT	SS-CS	29.000		40397	PC. 445-06 TO PC. 445-07
	Circumferential	MCM 1201.01-146				2.312			158 DEG., PROCEDURE 54-ISI-106, SEGMENT
Class A	Term end	MCM 1201.01-0223			RV Outlet Nozzle to				NC-002
	Dissimilar				Safe End				
R01.011.003	1RPV3-445G-SE	NC MCM 1201.01-148	See Com	UT	SS-CS	29.000		40397	PC. 445-06 TO PC. 445-07
	Circumferential	MCM 1201.01-146				2.312			202 DEG., PROCEDURE 54-ISI-106, SEGMENT
Class A	Term end	MCM 1201.01-0223			RV Outlet Nozzle to				NC-003
	Dissimilar				Safe End				
R01.011.004	1RPV3-445H-SE	NC MCM 1201.01-148	See Com	UT	SS-CS	29.000		40397	PC. 445-06 TO PC. 445-07
	Circumferential	MCM 1201.01-146				2.312			338 DEG., PROCEDURE 54-ISI-106, SEGMENT
Class A	Term end	MCM 1201.01-0223			RV Outlet Nozzle to				NC-004
	Dissimilar				Safe End				
R01.011.007	1SGC-OUTLET-W6S	NC MC1676-4	NDE-2930	UT	SS-CS	31.000	5149697		STEAM GENERATOR 1C OUTLET NOZZLE,
	Circumferential	MCM 1201.01-0782				2.500	5158172		DWG. MC-ISIN-1553-01.00, SEGMENT NC-007
Class A	Term end	MCM 1201.01-0769			Nozzle to				
	Dissimilar				Safe End				
R01.011.009	1RPV3-445A-SE	NC MCM 1201.01-148	See Com	UT	SS-CS	27.500		40397	PC. 445-02 TO PC. 445-03
	Circumferential	MCM 1201.01-146				2.281			67 DEG., PROCEDURE 54-ISI-106, SEGMENT
Class A	Term end	MCM 1201.01-0223			RV Inlet Nozzle to				NC-009
	Dissimilar				Safe End				
R01.011.010	1RPV3-445B-SE	NC MCM 1201.01-148	See Com	UT	SS-CS	27.500		40397	PC. 445-02 TO PC. 445-03
	Circumferential	MCM 1201.01-146				2.281			113 DEG., PROCEDURE 54-ISI-106, SEGMENT
Class A	Term end	MCM 1201.01-0223			RV Inlet Nozzle to				NC-009
	Dissimilar				Safe End				
R01.011.011	1RPV3-445C-SE	NC MCM 1201.01-148	See Com	UT	SS-CS	27.500		40397	PC. 445-02 TO PC. 445-03 247 DEG.,
	Circumferential	MCM 1201.01-146				2.281			PROCEDURE 54-ISI-106, SEGMENT NC-011
Class A	Term end	MCM 1201.01-0223			RV Inlet Nozzle to				
	Dissimilar				Safe End				

CATEGORY R-A, Risk Informed Piping**Examinations****Elements Subject to Thermal Fatigue**

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ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
R01.011.012	1RPV3-445D-SE	NC MCM 1201.01-148	See Com	UT	SS-CS	27.500	40397	PC. 445-02 TO PC. 445-03 293 DEG.,
	Circumferential	MCM 1201.01-146				2.281		PROCEDURE 54-ISI-106, SEGMENT NC-012
Class A	Term end	MCM 1201.01-0223			RV Inlet Nozzle to			
	Dissimilar				Safe End			
R01.011.143	1NV1FW175-31	NV MCFI-1NV175	NDE-600	UT	SS	2.000	*	SEGMENT NV-019AB,
	Circumferential	MC-ISIN-1554-03.00				0.344		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Reducer to			REQUIREMENTS
					Pipe			
R01.011.149	1NV1FW175-18	NV MCFI-1NV175	NDE-600	UT	SS	2.000	*	SEGMENT NV-020AE,
	Circumferential	MC-ISIN-1554-03.00				0.344		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Reducer to			REQUIREMENTS
					Pipe			
R01.011.159	1NV1FW53-26	NV MCFI-1NV53	NDE-600	UT	SS	2.000	*	SEGMENT NV-081,
	Circumferential	MC-ISIN-1554-01.02				0.436		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Valve to			REQUIREMENTS
					Pipe			
R01.011.160	1NV1FW53-30	NV MCFI-1NV53	NDE-600	UT	SS	2.000	*	SEGMENT NV-082,
	Circumferential	MC-ISIN-1554-01.02				0.436		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Valve to			REQUIREMENTS
					Pipe			
R01.011.161	1NV1FW53-33	NV MCFI-1NV53	NDE-600	UT	SS	2.000	*	SEGMENT NV-082,
	Circumferential	MC-ISIN-1554-01.02				0.436		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Valve to			REQUIREMENTS
					Pipe			
R01.011.162	1NV1FW53-40	NV MCFI-1NV53	NDE-600	UT	SS	2.000	*	SEGMENT NV-083,
	Circumferential	MC-ISIN-1554-01.02				0.436		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Pipe to			REQUIREMENTS
					Pipe			
R01.011.163	1NV1FW53-41	NV MCFI-1NV53	NDE-600	UT	SS	2.000	*	SEGMENT NV-083,
	Circumferential	MC-ISIN-1554-01.02				0.344		*SEE SECTION 8 FOR CALIBRATION BLOCK
Class B					Pipe to			REQUIREMENTS
					Pipe			
R01.011.224	1WL1F3062	WL MCFI-1WL84	NDE-12	RT	SS	6.000		SEGMENT WL-010A
	Circumferential	MC-ISIN-1565-07.00				0.134		
Class B					Pipe to			
					Elbow			

**CATEGORY R-A, Risk Informed Piping
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Elements Subject to Thermal Fatigue**Inservice Inspection Plan for Interval 3 Outage 7**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
Total R01.011 Items:		17						
Total R01 Items:		17						

McGuire Unit 1

Inservice Inspection Reference Drawings

Section 2

Revision 0

NDE Boundary Drawings - Unit 1

The following is a list of the NDE Boundary Drawings used as a reference for McGuire Unit 1 Third Interval Inservice Inspection Plan. These drawings are color-coded in accordance with Section 2.6 of the General Requirements.

System	Drawing No.	Revision ¹	Class 1	Class 2	Class 3
Reactor Coolant System (NC)	MC-ISIN-1553-01.00	0	X	X	
Reactor Coolant System (NC)	MC-ISIN-1553-02.00	0	X	X	
Reactor Coolant System (NC)	MC-ISIN-1553-02.01	0	X	X	
Reactor Coolant System (NC)	MC-ISIN-1553-04.00	0		X	
Chemical & Volume Control System (NV)	MC-ISIN-1554-01.00	0	X	X	
Chemical & Volume Control System (NV)	MC-ISIN-1554-01.01	0	X	X	
Chemical & Volume Control System (NV)	MC-ISIN-1554-01.02	0	X	X	

System	Drawing No.	Revision¹	Class 1	Class 2	Class 3
Chemical & Volume Control System (NV)	MC-ISIN-1554-01.03	0		X	
Chemical & Volume Control System (NV)	MC-ISIN-1554-02.00	0		X	X
Chemical & Volume Control System (NV)	MC-ISIN-1554-02.01	0		X	
Chemical & Volume Control System (NV)	MC-ISIN-1554-03.00	0		X	
Chemical & Volume Control System (NV)	MC-ISIN-1554-03.01	0		X	X
Chemical & Volume Control System (NV)	MC-ISIN-1554-04.00	0		X	X
Chemical & Volume Control System (NV)	MC-ISIN-1554-05.00	0		X	X
Boron Thermal Reg. System (NR)	MC-ISIN-1555-01.00	0			X
Boron Recycle Reg. System (NR)	MC-ISIN-1555-02.00	0		X	X
Boron Recycle System (NB)	MC-ISIN-1556-01.00	0			X
Boron Recycle System (NB)	MC-ISIN-1556-01.01	0		X	X
Boron Recycle System (NB)	MC-ISIN-1556-02.00	0			X
Boron Recycle System (NB)	MC-ISIN-1556-02.01	0			X
Boron Recycle System (NB)	MC-ISIN-1556-03.00	0		X	
Containment Air Return System (VX)	MC-ISIN-1557-01.00	0		X	

System	Drawing No.	Revision¹	Class 1	Class 2	Class 3
Ice Condenser Refrigeration System (NF)	MC-ISIN-1558-04.00	0		X	
Residual Heat Removal System (ND)	MC-ISIN-1561-01.00	0	X	X	
Safety Injection System (NI)	MC-ISIN-1562-01.00	0	X	X	
Safety Injection System (NI)	MC-ISIN-1562-02.00	0	X	X	
Safety Injection System (NI)	MC-ISIN-1562-02.01	0	X	X	
Safety Injection System (NI)	MC-ISIN-1562-03.00	0	X	X	
Safety Injection System (NI)	MC-ISIN-1562-03.01	0	X	X	
Safety Injection System (NI)	MC-ISIN-1562-04.00	0		X	
Containment Spray System (NS)	MC-ISIN-1563-01.00	0		X	
Annulus Ventilation System (VE)	MC-ISIN-1564-01.00	0		X	
Liquid Waste Recycle System (WL)	MC-ISIN-1565-01.00	0		X	
Liquid Waste Recycle System (WL)	MC-ISIN-1565-01.01	0		X	X
Liquid Waste Recycle System (WL)	MC-ISIN-1565-02.00	0			X
Liquid Waste Recycle System (WL)	MC-ISIN-1565-02.01	0			X
Liquid Waste Recycle System (WL)	MC-ISIN-1565-07.00	0		X	

System	Drawing No.	Revision ¹	Class 1	Class 2	Class 3
Nuclear Solid Waste Disposal System (WS)	MC-ISIN-1566-01.00	0			X
Waste Gas System (WG)	MC-ISIN-1567-01.00	0		X	X
Waste Gas System (WG)	MC-ISIN-1567-02.00	0			X
Waste Gas System (WG)	MC-ISIN-1567-02.01	0		X	X
Waste Gas System (WG)	MC-ISIN-1567-03.00	0			X
Waste Gas System (WG)	MC-ISIN-1567-03.01	0			X
Waste Gas System (WG)	MC-ISIN-1567-04.00	0			X
Spent Fuel Cooling System (KF)	MC-ISIN-1570-01.00	0			X
Spent Fuel Cooling System (KF)	MC-ISIN-1570-01.01	0			X
Refueling Water System (FW)	MC-ISIN-1571-01.00	0		X	X
Nuclear Sampling System (NM)	MC-ISIN-1572-01.00	0		X	
Nuclear Sampling System (NM)	MC-ISIN-1572-01.01	0		X	X
Nuclear Sampling System (NM)	MC-ISIN-1572-02.00	0		X	
Nuclear Sampling System (NM)	MC-ISIN-1572-03.00	0		X	
Component Cooling System (KC)	MC-ISIN-1573-01.00	0			X
Component Cooling System (KC)	MC-ISIN-1573-01.01	0			X
Component Cooling System (KC)	MC-ISIN-1573-02.00	0			X
Component Cooling System (KC)	MC-ISIN-1573-02.01	0			X

System	Drawing No.	Revision¹	Class 1	Class 2	Class 3
Component Cooling System (KC)	MC-ISIN-1573-02.02	0			X
Component Cooling System (KC)	MC-ISIN-1573-03.00	0		X	X
Component Cooling System (KC)	MC-ISIN-1573-03.01	0		X	X
Component Cooling System (KC)	MC-ISIN-1573-04.00	0		X	X
Nuclear Service Water System (RN)	MC-ISIN-1574-01.00	0			X
Nuclear Service Water System (RN)	MC-ISIN-1574-01.01	0			X
Nuclear Service Water System (RN)	MC-ISIN-1574-02.00	0			X
Nuclear Service Water System (RN)	MC-ISIN-1574-02.01	0			X
Nuclear Service Water System (RN)	MC-ISIN-1574-03.00	0			X
Nuclear Service Water System (RN)	MC-ISIN-1574-03.01	0			X
Nuclear Service Water System (RN)	MC-ISIN-1574-04.00	0		X	X
Containment Purge Ventilation System (VP)	MC-ISIN-1576-01.00	0		X	
Steam Generator Blowdown System (BB)	MC-ISIN-1580-01.00	0		X	
Groundwater Drainage System (WZ)	MC-ISIN-1581-01.00	0			X

System	Drawing No.	Revision ¹	Class 1	Class 2	Class 3
Steam Generator Wet Layup Recirculation System (BW)	MC-ISIN-1584-01.00	0		X	
Contain Air Release System (VQ)	MC-ISIN-1585-01.00	0		X	
Feedwater System (CF)	MC-ISIN-1591-01.01	0		X	
Auxiliary Feedwater System (CA)	MC-ISIN-1592-01.00	0		X	X
Auxiliary Feedwater System (CA)	MC-ISIN-1592-01.01	0			X
Main Steam & Main Steam Vent to Atmos (SM-SV)	MC-ISIN-1593-01.00	0		X	
Main Steam Supply to Auxiliary Equipment (SA)	MC-ISIN-1593-01.02	0		X	X
Main Steam & Main Steam Vent to Atmos (SM-SV)	MC-ISIN-1593-01.03	0		X	
Fire Protection System (RF)	MC-ISIN-1599-02.02	0		X	
Filtered Water System (YM)	MC-ISIN-1601-02.04	0		X	
Nitrogen System (GN)	MC-ISIN-1602-01.02	0		X	
Containment Ventilation Cooling Water (RV)	MC-ISIN-1604-03.00	0		X	X

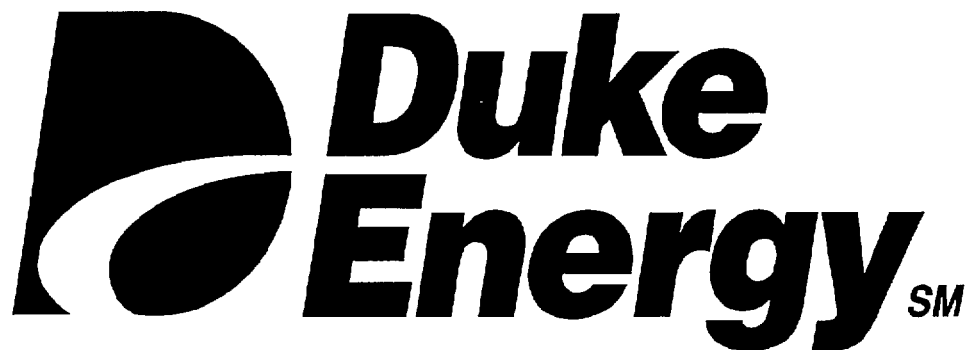
System	Drawing No.	Revision ¹	Class 1	Class 2	Class 3
Instrument Air System (VI)	MC-ISIN-1605-01.02	0		X	
Instrument Air System (VI)	MC-ISIN-1605-01.03	0		X	
Instrument Air System (VI)	MC-ISIN-1605-01.13	0		X	X
Instrument Air System (VI)	MC-ISIN-1605-01.14	0		X	
Instrument Air System (VI)	MC-ISIN-1605-01.17	0		X	
Instrument Air System (VS)	MC-ISIN-1605-02.02	0		X	
Instrument Air System (VB)	MC-ISIN-1605-03.01	0		X	
Diesel Engine Cooling Water System (KD)	MC-ISIN-1609-01.00	0			X
Diesel Engine Cooling Water System (KD)	MC-ISIN-1609-01.01	0			X
Diesel Engine Lube Oil System (LD)	MC-ISIN-1609-02.00	0			X
Diesel Engine Lube Oil System (LD)	MC-ISIN-1609-02.01	0			X
Diesel Engine Starting Air System (FD)	MC-ISIN-1609-03.00	0			X
Diesel Engine Starting Air System (FD)	MC-ISIN-1609-03.01	0			X
Starting Air System (VG)	MC-ISIN-1609-04.00	0		X	X
Diesel Engine Room Sump Pump (WN)	MC-ISIN-1609-07.00	0			X

System	Drawing No.	Revision ¹	Class 1	Class 2	Class 3
Conventional Chemical Additon System (YA)	MC-ISIN-1617-01.00	0		X	
Control Area Chilled Water (YC)	MC-ISIN-1618-01.00	0			X
Control Area Chilled Water (YC)	MC-ISIN-1618-02.00	0			X
Control Area Chilled Water (YC)	MC-ISIN-1618-04.00	0			X

¹ The NDE Boundary Drawing number provides a baseline for the development of the Inservice Inspection Plan. As such, the revision numbers listed will not be updated as each flow diagram is revised.

**THIRD
TEN-YEAR
INTERVAL
INSERVICE INSPECTION
PLAN**

**MCGUIRE NUCLEAR STATION
UNIT 1**



Duke Power Company

**INSERVICE INSPECTION
PRESSURE TEST PLAN
McGuire Nuclear Station
Unit 1 – Third Inspection Interval**



A Duke Energy Company

Prepared By:

James M. Boughman

Date

5/21/01

Reviewed By:

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Date

5-22-01

Approved By:

L. Kevin Rhyme

Date

5/22/01

ANII Review:

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Date

5-22-01

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1.0 General Requirements

This plan addresses the inservice inspection pressure testing requirements for the third inspection interval for McGuire Unit 1. After approval for use, this plan will be incorporated into the existing Duke Power Company Pressure Testing Plan.

1.1 Applicable Codes and Standards for Inservice Inspection Pressure Testing

Inservice inspection pressure testing activities for McGuire Unit 1 shall be performed in accordance with Program B of the 1995 Edition of ASME Section XI, with the 1996 Addenda.

The following Code Cases may be used for the Pressure Testing Program at Duke Power Company:

Code Case N-522: "Pressure Testing of Containment Penetration Piping". (This code case can only be used with the additional condition listed in Regulatory Guide 1.147 revision 12. The condition is as follows: *"The test should be conducted at the peak calculated containment pressure and the test procedure should permit the detection and location of through-wall leakage in containment isolation valves (CIVs) and pipe segments between the CIVs."*)

1.2 Inspection Methods and Procedures to be Used for Inservice Inspection Pressure Testing

VT-2 visual examinations shall be conducted to locate evidence of leakage from pressure retaining components during the conduct of a system pressure test.

Pressure testing and associated VT-2 visual examinations shall be performed using the latest revision of procedure QAL-15 "ISI Visual Examination, VT-2".

The following Duke Power Company procedures and directives shall be used to control pressure testing inservice inspection activities, inservice inspection pressure testing plans, and inservice inspection summary reports:

PROCEDURE NO.	TITLE
NSD-300	ASME Section XI Program
NSD-701	Records Management
NSD-702	Document Management
NSD-800	Software and Data Quality Assurance (SDQA) Program
QA-520	Preparation and Distribution of Inservice Inspection Reports
QA-522	Preparation and Implementation of the Inservice Inspection Pressure Testing Plans
QA-524	ISI Pressure Testing Process

PROCEDURE NO.	TITLE
QAL-5	Control Of Preservice And Inservice Examination Activities
QAL-15	Inservice Inspection (ISI) Visual Examination, VT-2, Pressure Test

1.3 Description of Inservice Inspection Pressure Testing Plan for ASME Class 1 Items

Pressure testing of ASME Class 1 items shall be performed in accordance with the requirements of Articles IWA-5000, IWB-2000, and IWB-5000 of Section XI. Class 1 systems that are required to be pressure tested shall be divided into isolable areas (to the extent practical). These areas represent specific pressure testing zones (hereafter referred to as Examination Zones). McGuire Unit 1 will have its own unique Examination Zone numbering system as described in Section 2 of this Plan.

Examination Categories and Requirements

The examination categories and item numbers shall be those listed in Table IWB-2500-1 of Section XI. Each Examination Zone may include various Section XI Categories and Item Numbers.

Class 1 items to be examined include:

Category B-P, All Pressure Retaining Components (as applicable)

<u>IWB-2500-1 Item</u>	<u>Component To Be Examined</u>	<u>Comments</u>
	<i>Reactor Vessel</i>	
B15.10	Pressure Retaining Boundary	
	<i>Pressurizer</i>	
B15.20	Pressure Retaining Boundary	
	<i>Steam Generators</i>	
B15.30	Pressure Retaining Boundary	
	<i>Heat Exchangers</i>	
B15.40	Pressure Retaining Boundary	
	<i>Piping</i>	
B15.50	Pressure Retaining Boundary	
	<i>Pumps</i>	
B15.60	Pressure Retaining Boundary	

Category B-P, All Pressure Retaining Components (as applicable)

<u>IWB-2500-1 Item</u>	<u>Component To Be Examined</u>	<u>Comments</u>
	<i>Valves</i>	
B15.70	Pressure Retaining Boundary	

1.4 Description of Inservice Inspection Pressure Testing Plan for ASME Class 2 Items

Pressure testing of ASME Class 2 items shall be performed in accordance with the requirements of Articles IWA-5000, IWC-2000, and IWC-5000 of Section XI. Class 2 systems that are required to be pressure tested shall be divided into isolable areas (to the extent practical). These areas represent specific Examination Zones and will have its own unique Examination Zone numbering system as described in Section 2 of this Plan.

Examination Categories and Requirements

The examination categories and item numbers shall be those listed in Table IWC-2500-1 of Section XI. Each Examination Zone may include various Section XI Categories and Item Numbers.

Class 2 items to be examined include:

Category C-B, Pressure Retaining Nozzle Welds In Vessels (as applicable)

<u>IWC-2500-1 Item</u>	<u>Component To Be Examined</u>	<u>Comments</u>
C2.33	Nozzle-to-Shell (or Head) Welds When Vessel Interior is Inaccessible	The telltale hole in reinforcing plates shall be examined for evidence of leakage while the vessel is undergoing the system pressure test of Category C-H.

Category C-H, All Pressure Retaining Components (as applicable)

<u>IWC-2500-1 Item</u>	<u>Component To Be Examined</u>	<u>Comments</u>
	<i>Pressure Vessels</i>	
C7.10	Pressure Retaining Components	
	<i>Piping</i>	
C7.30	Pressure Retaining Components	
	<i>Pumps</i>	
C7.50	Pressure Retaining Components	

Category C-H, All Pressure Retaining Components (as applicable)

<u>IWC-2500-1 Item</u>	<u>Component To Be Examined</u>	<u>Comments</u>
<i>Valves</i>		
C7.70	Pressure Retaining Components	

1.5 Description of Inservice Inspection Pressure Testing Plan for ASME Class 3 Items

Pressure testing of ASME Class 3 items shall be performed in accordance with the requirements of Articles IWA-5000, IWD-2000, and IWD-5000 of Section XI. Class 3 systems that are required to be pressure tested shall be divided into isolable areas (to the extent practical). These areas represent specific Examination Zones and will have its own unique Examination Zone numbering system as described in Section 2 of this Plan.

Examination Categories and Requirements

The examination categories and item numbers shall be those listed in Table IWD-2500-1 of Section XI. Each Examination Zone may include various Section XI Categories and Item Numbers.

Class 3 items to be examined include:

Category D-B, All Pressure Retaining Components

<u>IWD-2500-1 Item</u>	<u>Component to be Examined</u>	<u>Comments</u>
D2.10	Pressure Vessels	
D2.30	Piping	
D2.50	Pumps	
D2.70	Valves	

1.6 System Boundaries Subject to Examination

The pressure testing examination boundaries of Class 1, 2, and 3 systems shall be divided into Examination Zones and identified on examination boundary drawings (modified system flow diagrams). Revisions to system flow diagrams shall be reviewed for additions/changes to the pressure testing boundaries. These additions/changes are incorporated into the Inservice Inspection Pressure Testing Plan as necessary. Flow diagram revisions do no warrant addenda to the Inservice Inspection Pressure Testing Plan as long as no examination zones are added or deleted. Unless otherwise noted, systems designated as Class A are equivalent to Class 1, those designated as Class B are equivalent to Class 2, and those designated as Class C are equivalent to Class 3. All instrumentation taps within the examination boundary shall be examined up to the first isolation valve off the process pipe.

1.6.1 Pressure Testing Class 1 Components

Examination Category B-P:

The Class 1 System Leakage Test (IWB-5220) is a pressure test conducted to perform visual examination (VT-2) while the system is at normal operating temperature and pressure associated with 100% rated reactor power. This test is required prior to plant startup following each reactor refueling outage.

The pressure-retaining boundary during the system leakage test conducted at or near the end of each inspection interval shall extend to all Class 1 pressure-retaining components within the system boundary. This test is required only once during a ten-year interval.

1.6.2 Pressure Testing Class 2 Components

Examination Category C-B:

When nozzle-to-shell (or head) welds (to be examined by NDE methods) are inaccessible, the telltale hole in the reinforcing plates shall receive a VT-2 visual examination for evidence of leakage while the vessel is undergoing the System Pressure Test as required by Category C-H.

Examination Category C-H:

The Class 2 System Leakage Test (IWC-5220) is a pressure test conducted to perform visual examination (VT-2) while the system is in service under operating pressure or when pressurized to nominal operating pressure. This leakage test is required once in each inspection period.

1.6.3 Pressure Testing Class 3 Components

Examination Category D-B:

The Class 3 System Leakage Test (IWD-5221) is a pressure test conducted to perform visual examination (VT-2) while the system is in service under operating pressure or when pressurized to nominal operating pressure. This leakage test is required once in each inspection period.

1.6.4 Components Exempt From Pressure Test Examination

The following are exemptions from system pressure testing:

- Open ended portions of discharge piping in Class 2 and Class 3 systems.
- Class 2 and Class 3 portions of systems that do not support the system safety function beyond the first normally closed valve (including relief valves or valves capable of automatic closure).

1.7 Description of Examination Schedules

The Class 1 Leakage Test zones shall be completed each refueling outage. Class 1 Examination Zone requirements are not scheduled on an outage-by-outage basis since the examinations are required to be completed each refueling outage.

The Class 2 and Class 3 Examination Zones shall be examined once during each inspection period. Class 2 and Class 3 Examination Zone requirements will not be scheduled on an outage-by-outage basis since the examinations are required to be completed only once each inspection period.

Examination Zones that contain Risk-Informed Segments shall be examined each refueling outage. These Examination Zones are not scheduled on an outage-by-outage basis since the examinations are required to be completed each refueling outage.

Section 2 of this plan includes a listing that shows the schedule for each pressure testing zone.

1.8 Requests for Relief from ASME Code Requirements

Each Request for Relief from a requirement of the ASME Code specified in Section 1.1 of this Plan shall be submitted by the Nuclear Generation Department to the Nuclear Regulatory Commission for approval.

The following list contains Requests for Relief submitted for use:

<u>Serial Number</u>	<u>Description</u>	<u>Units Affected</u>	<u>Date RFR Submitted</u>	<u>Date SER Approved</u>	<u>Comments</u>
01-002	Request to use corrected ASME Code requirement for Class 3 pressure tests.	McGuire Unit 1	05/03/2001	N/A	
01-005	WCAP-14572, Revision 1-NP-A. "Westinghouse Owners Group Application of Risk-Informed Methods to Piping Inservice Inspection Topical Report"	McGuire Unit 1	Pending	N/A	
01-GO-002	Allow the Use of Code Case N-416-2	McGuire Unit 1	Pending	N/A	

1.9 Risk-Informed Segments Associated With Pressure Testing

The Risk-Informed program has identified certain segments that use pressure testing and VT-2 visual examination to ensure system integrity.

Section 2 of this plan includes a cross-reference that shows each pressure testing zone that contains a Risk-Informed segment.

Section 2.0

McGuire Nuclear Station - Unit 1

Location: 12700 Hagers Ferry Road
Huntersville, North Carolina 28078-9340

Commercial Service Date: December 1, 1981

Third Interval Start Date: December 1, 2001

Owner: Duke Power Company
526 South Church Street
Mail Code EC07J
Charlotte, N.C. 28201-1006

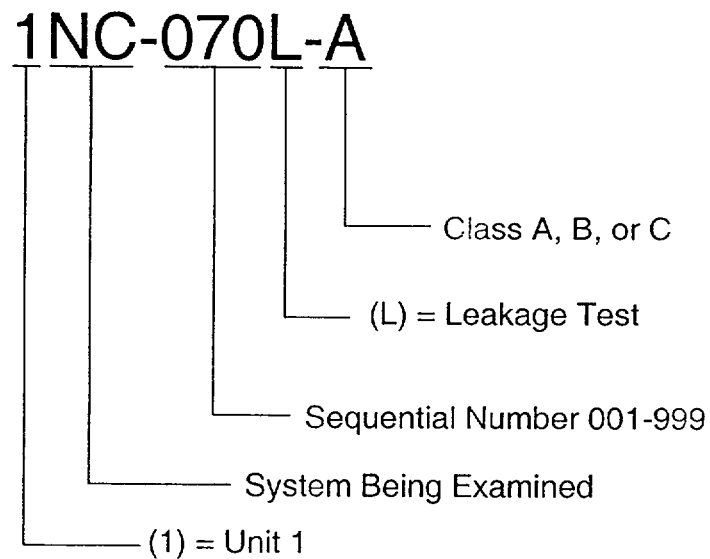
Third Inspection Interval

<u>Start Date</u>		<u>End Date</u>	
12/01/2001	12/01/2004	12/01/2008	12/01/2011
1st Period		2nd Period	3rd Period
Refueling Outage 1 (EOC 15)		Refueling Outage 3 (EOC 17)	Refueling Outage 6 (EOC 20)
Refueling Outage 2 (EOC 16)		Refueling Outage 4 (EOC 18)	Refueling Outage 7 (EOC 21)
		Refueling Outage 5 (EOC 19)	

2.1 McGuire Unit 1 - Examination Zone Definition

The Examination Zone number for each pressure test represents a portion of a system that shall receive a VT-2 visual examination. An Examination Zone terminates at a boundary valve, building interface, or component interface and may include several flow diagrams. The scope of each Examination Zone includes all pressure retaining components within the perimeter of the Examination Zone.

All McGuire Unit 1 Examination Zone numbers have the same format. The following example is for a Class A Leakage Test zone:



2.2 McGuire Unit 1 - Schedules for Examinations

Pressure testing is performed on Class 1 systems and systems containing Risk-Informed segments each refueling outage. Pressure testing is performed on Class 2 and Class 3 systems once each inspection period.

The following list shows the frequency of each Examination Zone.

**THE FOLLOWING IS A
LISTING OF OVERSIZED
DRAWINGS CONTAINED
WITHIN THIS DOCUMENT.**

**TO VIEW A DRAWING,
REFERENCE THE DRAWING
NUMBER SPECIFIC TO THE
DESIRED DRAWING (NOTED
ON THE LIST) AND LOCATE
IT WITHIN THIS PACKAGE
OR,
PERFORM A SEARCH USING
THE DRAWING NUMBER**

NOTE: Because of these page's large file size, it may be more convenient to copy the file to a local drive and use the Imaging (Wang) viewer, which can be accessed from the Programs/Accessories menu.

Date: 05/21/2001
Report Page No. 1

Duke Power Company
McGuire Unit 1
Pressure Testing Examination Zone Report

Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1BB-096L-B	MC-ISIL-1580-01.00	--- B ---	--- C-H ---	Steam Generator Blowdown Recycle (BB)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1BB-098L-B	MC-ISIL-1572-03.00	--- B ---	--- C-H ---	Nuclear Sampling (NM)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1BB-098L-B	MC-ISIL-1580-01.00	--- B ---	--- C-H ---	Steam Generator Blowdown (BB)	Once Each Period	Leakage	VT-2	QAL-15	C7.10 C7.30 C7.70
1BB-098L-B	MC-ISIL-1584-01.00	--- B ---	--- C-H ---	Steam Generator Wet Layup (BW)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1CA-006L-B	MC-ISIL-1592-01.00	--- B ---	--- C-H ---	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	C7.30
1CA-030L-C	MC-ISIL-1592-01.01	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1CA-032L-B	MC-ISIL-1584-01.00	--- B ---	--- C-H ---	Steam Generator Wet Layup Recirculation (BW)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1CA-032L-B	MC-ISIL-1591-01.01	--- B ---	--- C-H ---	Feedwater (CF)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1CA-032L-B	MC-ISIL-1592-01.00	--- B ---	--- C-H ---	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1CA-032L-B	MC-ISIL-1617-01.00	--- B ---	--- C-H ---	Conventional Chemical Addition (YA)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1CA-033L-C	MC-ISIL-1592-01.01	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.50 D2.70
1CA-034L-C	MC-ISIL-1592-01.01	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.50 D2.70
1CA-038L-C	MC-ISIL-1592-01.01	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.50 D2.70

Date: 05/21/2001

Report Page No. 2

Duke Power Company

McGuire Unit 1**Pressure Testing Examination Zone Report**

Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1CA-054L-C	MC-ISIL-1592-01.00	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1CA-054L-C	MC-ISIL-1592-01.01	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1CA-055L-C	MC-ISIL-1592-01.00	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1CA-055L-C	MC-ISIL-1592-01.01	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1CA-056L-C	MC-ISIL-1592-01.00	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1CA-056L-C	MC-ISIL-1592-01.01	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1CA-057L-C	MC-ISIL-1592-01.00	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1CA-058L-C	MC-ISIL-1592-01.00	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1CA-059L-C	MC-ISIL-1592-01.00	--- --- C	--- --- D-B	Auxiliary Feedwater (CA)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1FD-007L-C	MC-ISIL-1609-03.00	--- --- C	--- --- D-B	Diesel Gen. Engine Fuel Oil (FD)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70
1FD-008L-C	MC-ISIL-1609-03.01	--- --- C	--- --- D-B	Diesel Gen. Engine Fuel Oil (FD)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70
1FW-026L-B	MC-ISIL-1571-01.00	--- B ---	--- C-H ---	Refueling Water (FW)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1FW-027L-B	MC-ISIL-1554-03.00	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1FW-027L-B	MC-ISIL-1554-03.01	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1FW-027L-B	MC-ISIL-1561-01.00	--- B ---	--- C-H ---	Residual Heat Removal (ND)	Once Each Period	Leakage	VT-2	QAL-15	C7.30

Date: 05/21/2001
Report Page No. 3

Duke Power Company
McGuire Unit 1
Pressure Testing Examination Zone Report

Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1FW-027L-B	MC-ISIL-1562-03.00	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1FW-027L-B	MC-ISIL-1563-01.00	--- B ---	--- C-H ---	Containment Spray (NS)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1FW-027L-B	MC-ISIL-1571-01.00	--- B ---	--- C-H ---	Refueling Water (FW)	Once Each Period	Leakage	VT-2	QAL-15	C7.10 C7.30 C7.70
1FW-087L-B	MC-ISIL-1571-01.00	--- B ---	--- C-H ---	Refueling Water (FW)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1KC-003L-B	MC-ISIL-1573-03.01	--- B ---	--- C-H ---	Component Cooling (KC)	Once Each Period	Leakage	VT-2	QAL-15	C7.10 C7.30 C7.70
1KC-028L-C	MC-ISIL-1573-01.00	--- --- C	--- --- D-B	Component Cooling (KC)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70
1KC-028L-C	MC-ISIL-1573-01.01	--- --- C	--- --- D-B	Component Cooling (KC)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1KC-029L-C	MC-ISIL-1573-01.00	--- --- C	--- --- D-B	Component Cooling (KC)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70
1KC-029L-C	MC-ISIL-1573-01.01	--- --- C	--- --- D-B	Component Cooling (KC)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1KC-088L-B	MC-ISIL-1573-04.00	--- B ---	--- C-H ---	Component Cooling (KC)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1KD-014L-C	MC-ISIL-1609-01.01	--- --- C	--- --- D-B	Diesel Gen. Engine Cooling Water (KD)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70
1KD-015L-C	MC-ISIL-1609-01.00	--- --- C	--- --- D-B	Diesel Gen. Engine Cooling Water (KD)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70

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Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1KF-025L-C	MC-ISIL-1570-01.00	--- --- C	--- --- D-B	Spent Fuel Cooling (KF)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.50 D2.70
1KF-025L-C	MC-ISIL-1570-01.01	--- --- C	--- --- D-B	Spent Fuel Cooling (KF)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1KF-052L-C	MC-ISIL-1570-01.00	--- --- C	--- --- D-B	Spent Fuel Cooling (KF)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.50 D2.70
1KF-052L-C	MC-ISIL-1570-01.01	--- --- C	--- --- D-B	Spent Fuel Cooling (KF)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1LD-001L-C	MC-ISIL-1609-02.01	--- --- C	--- --- D-B	Diesel Gen. Engine Lube Oil (LD)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70
1LD-009L-C	MC-ISIL-1609-02.00	--- --- C	--- --- D-B	Diesel Gen. Engine Lube Oil (LD)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70
1LD-010L-C	MC-ISIL-1609-02.01	--- --- C	--- --- D-B	Diesel Gen. Engine Lube Oil (LD)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70
1LD-011L-C	MC-ISIL-1609-02.00	--- --- C	--- --- D-B	Diesel Gen. Engine Lube Oil (LD)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70
1NB-081L-B	MC-ISIL-1556-03.00	--- B ---	--- C-H ---	Boron Recycle (NB)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NC-044L-B	MC-ISIL-1553-02.01	--- B ---	--- C-H ---	Reactor Coolant (NC)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NC-070L-A	MC-ISIL-1553-01.00	A B ---	B-P C-H ---	Reactor Coolant (NC)	Each Refueling Outage	Leakage	VT-2	QAL-15	B15.10 B15.30 B15.50 B15.60 B15.70

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Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1NC-070L-A									C7.30 C7.70
1NC-070L-A	MC-ISIL-1553-02.00	A --- ---	B-P --- ---	Reactor Coolant (NC)	Each Refueling Outage	Leakage	VT-2	QAL-15	B15.20 B15.50 B15.70
1NC-070L-A	MC-ISIL-1553-02.01	A --- ---	B-P --- ---	Reactor Coolant (NC)	Each Refueling Outage	Leakage	VT-2	QAL-15	B15.50 B15.70
1NC-070L-A	MC-ISIL-1554-01.00	A B ---	B-P C-H ---	Reactor Coolant (NC)	Each Refueling Outage	Leakage	VT-2	QAL-15	B15.50 B15.60 B15.70 C7.30 C7.70
1NC-070L-A	MC-ISIL-1554-01.01	A B ---	B-P C-H ---	Reactor Coolant (NC)	Each Refueling Outage	Leakage	VT-2	QAL-15	B15.50 B15.60 B15.70 C7.30 C7.70
1NC-070L-A	MC-ISIL-1554-01.02	A --- ---	B-P --- ---	Reactor Coolant (NC)	Each Refueling Outage	Leakage	VT-2	QAL-15	B15.50 B15.70
1NC-070L-A	MC-ISIL-1561-01.00	A --- ---	B-P --- ---	Reactor Coolant (NC)	Each Refueling Outage	Leakage	VT-2	QAL-15	B15.50 B15.70
1NC-070L-A	MC-ISIL-1562-01.00	A --- ---	B-P --- ---	Reactor Coolant (NC)	Each Refueling Outage	Leakage	VT-2	QAL-15	B15.50 B15.70
1NC-070L-A	MC-ISIL-1562-02.00	A --- ---	B-P --- ---	Reactor Coolant (NC)	Each Refueling Outage	Leakage	VT-2	QAL-15	B15.50 B15.70
1NC-070L-A	MC-ISIL-1562-02.01	A --- ---	B-P --- ---	Reactor Coolant (NC)	Each Refueling Outage	Leakage	VT-2	QAL-15	B15.50 B15.70
1NC-070L-A	MC-ISIL-1562-03.00	A --- ---	B-P --- ---	Reactor Coolant (NC)	Each Refueling Outage	Leakage	VT-2	QAL-15	B15.50 B15.70
1NC-070L-A	MC-ISIL-1562-03.01	A --- ---	B-P --- ---	Reactor Coolant (NC)	Each Refueling Outage	Leakage	VT-2	QAL-15	B15.50 B15.70
1NC-077L-B	MC-ISIL-1553-02.01	--- B ---	--- C-H ---	Reactor Coolant (NC)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NC-078L-B	MC-ISIL-1553-04.00	--- B ---	--- C-H ---	Reactor Coolant (NC)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70

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McGuire Unit 1**Pressure Testing Examination Zone Report**

Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1ND-019L-B	MC-ISIL-1561-01.00	--- B ---	--- C-H ---	Residual Heat Removal (ND)	Once Each Period	Leakage	VT-2	QAL-15	C2.33 C7.10 C7.30 C7.50 C7.70
1ND-019L-B	MC-ISIL-1562-03.00	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1ND-019L-B	MC-ISIL-1562-03.01	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1ND-019L-B	MC-ISIL-1563-01.00	--- B ---	--- C-H ---	Containment Spray (NS)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1ND-019L-B	MC-ISIL-1571-01.00	--- B ---	--- C-H ---	Refueling Water (FW)	Once Each Period	Leakage	VT-2	QAL-15	C7.30
1ND-019L-B	MC-ISIL-1572-01.00	--- B ---	--- C-H ---	Nuclear Sampling (NM)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1ND-050L-B	MC-ISIL-1561-01.00	--- B ---	--- C-H ---	Residual Heat Removal (ND)	Once Each Period	Leakage	VT-2	QAL-15	C7.10 C7.30 C7.50 C7.70
1ND-050L-B	MC-ISIL-1562-03.01	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1ND-050L-B	MC-ISIL-1563-01.00	--- B ---	--- C-H ---	Containment Spray (NS)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NF-082L-B	MC-ISIL-1558-04.00	--- B ---	--- C-H ---	Ice Condenser Refrigeration (NF)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NI-021L-B	MC-ISIL-1562-02.00	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.10 C7.30 C7.70
1NI-021L-B	MC-ISIL-1562-02.01	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.10 C7.30 C7.70
1NI-021L-B	MC-ISIL-1572-01.01	--- B ---	--- C-H ---	Nuclear Sampling (NM)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70

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Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1NI-022L-B	MC-ISIL-1562-03.00	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.50 C7.70
1NI-022L-B	MC-ISIL-1562-03.01	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NI-039L-B	MC-ISIL-1562-03.01	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NI-053L-B	MC-ISIL-1562-03.00	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.50 C7.70
1NI-060L-B	MC-ISIL-1562-02.01	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NI-060L-B	MC-ISIL-1562-03.00	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NI-071L-B	MC-ISIL-1562-01.00	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NI-074L-B	MC-ISIL-1562-03.00	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NI-083L-B	MC-ISIL-1562-02.00	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NI-095L-B	MC-ISIL-1562-04.00	--- B ---	--- C-H ---	Safety Injection (NI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NM-041L-B	MC-ISIL-1572-01.00	--- B ---	--- C-H ---	Nuclear Sampling (NM)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NM-046L-B	MC-ISIL-1572-01.01	--- B ---	--- C-H ---	Nuclear Sampling (NM)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NS-023L-B	MC-ISIL-1563-01.00	--- B ---	--- C-H ---	Containment Spray (NS)	Once Each Period	Leakage	VT-2	QAL-15	C2.33 C7.10 C7.30 C7.50 C7.70
1NS-024L-B	MC-ISIL-1563-01.00	--- B ---	--- C-H ---	Containment Spray (NS)	Once Each Period	Leakage	VT-2	QAL-15	C7.10 C7.30 C7.50 C7.70

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Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1NV-016L-B	MC-ISIL-1554-01.00	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Each Refueling Outage	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-016L-B	MC-ISIL-1554-01.01	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Each Refueling Outage	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-016L-B	MC-ISIL-1554-01.02	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30
1NV-016L-B	MC-ISIL-1554-02.00	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-016L-B	MC-ISIL-1554-02.01	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-016L-B	MC-ISIL-1554-03.00	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Each Refueling Outage	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-016L-B	MC-ISIL-1554-03.01	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Each Refueling Outage	Leakage	VT-2	QAL-15	C7.30 C7.50 C7.70
1NV-016L-B	MC-ISIL-1554-05.00	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-016L-B	MC-ISIL-1561-01.00	--- B ---	--- C-H ---	Residual Heat Removal (ND)	Once Each Period	Leakage	VT-2	QAL-15	C7.30
1NV-016L-B	MC-ISIL-1562-01.00	--- B ---	--- C-H ---	Safety Injection (NI)	Each Refueling Outage	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-016L-B	MC-ISIL-1562-03.00	--- B ---	--- C-H ---	Safety Injection (NI)	Each Refueling Outage	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-016L-C	MC-ISIL-1554-02.00	--- --- C	--- --- D-B	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1NV-016L-C	MC-ISIL-1554-03.01	--- --- C	--- --- D-B	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1NV-016L-C	MC-ISIL-1554-05.00	--- --- C	--- --- D-B	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70
1NV-017L-B	MC-ISIL-1554-01.00	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Each Refueling Outage	Leakage	VT-2	QAL-15	C7.30 C7.70

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Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1NV-017L-B	MC-ISIL-1554-01.01	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Each Refueling Outage	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-017L-B	MC-ISIL-1554-01.02	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-017L-B	MC-ISIL-1554-01.03	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Each Refueling Outage	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-018L-B	MC-ISIL-1554-01.02	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Each Refueling Outage	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-019L-B	MC-ISIL-1554-01.02	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-020L-B	MC-ISIL-1554-01.02	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-045L-B	MC-ISIL-1554-03.00	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Each Refueling Outage	Leakage	VT-2	QAL-15	C7.10 C7.30 C7.50 C7.70
1NV-051L-B	MC-ISIL-1554-03.01	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Each Refueling Outage	Leakage	VT-2	QAL-15	C7.30 C7.50 C7.70
1NV-063L-B	MC-ISIL-1554-01.01	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1NV-079L-B	MC-ISIL-1554-01.03	--- B ---	--- C-H ---	Chemical & Volume Control (NV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1RF-094L-B	MC-ISIL-1599-02.02	--- B ---	--- C-H ---	Fire Protection (RF)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1RN-004L-B	MC-ISIL-1574-04.00	--- B ---	--- C-H ---	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1RN-030L-C	MC-ISIL-1573-01.01	--- --- C	--- --- D-B	Component Cooling (KC)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1RN-030L-C	MC-ISIL-1574-01.00	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1RN-030L-C	MC-ISIL-1574-01.01	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70

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Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1RN-030L-C	MC-ISIL-1574-02.00	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1RN-030L-C	MC-ISIL-1574-02.01	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1RN-030L-C	MC-ISIL-1574-04.00	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1RN-030L-C	MC-ISIL-1604-03.00	--- --- C	--- --- D-B	Containment Ventilation Cooling Water (RV)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1RN-030L-C	MC-ISIL-1609-01.00	--- --- C	--- --- D-B	Diesel Gen. Engine Cooling Water (KD)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1RN-030L-C	MC-ISIL-2574-01.01	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1RN-031L-C	MC-ISIL-1573-01.01	--- --- C	--- --- D-B	Component Cooling (KC)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1RN-031L-C	MC-ISIL-1574-01.00	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1RN-031L-C	MC-ISIL-1574-01.01	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70
1RN-031L-C	MC-ISIL-1574-03.00	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1RN-031L-C	MC-ISIL-1574-03.01	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1RN-031L-C	MC-ISIL-1609-01.01	--- --- C	--- --- D-B	Diesel Gen. Engine Cooling Water (KD)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1RN-031L-C	MC-ISIL-2574-01.01	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70

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Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1RN-031L-C	MC-ISIL-2574-04.00	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1RN-031L-C	MC-ISIL-2604-03.00	--- --- C	--- --- D-B	Containment Ventilation Cooling Water (RV)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1RN-038L-C	MC-ISIL-1574-03.00	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.30
1RN-061L-C	MC-ISIL-1574-03.01	--- --- C	--- --- D-B	Nuclear Service Water (RN)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1RV-002L-B	MC-ISIL-1604-03.00	--- B ---	--- C-H ---	Containment Ventilation Cooling Water (RV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1RV-089L-B	MC-ISIL-1604-03.00	--- B ---	--- C-H ---	Containment Ventilation Cooling Water (RV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1SA-035L-B	MC-ISIL-1593-01.02	--- B ---	--- C-H ---	Main Stm To Aux. Equip (SA) & Turb Exh (TE)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1SA-035L-C	MC-ISIL-1593-01.02	--- --- C	--- --- D-B	Main Stm To Aux. Equip (SA) & Turb Exh (TE)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1SM-006L-B	MC-ISIL-1572-03.00	--- B ---	--- C-H ---	Nuclear Sampling (NM)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1SM-006L-B	MC-ISIL-1591-01.01	--- B ---	--- C-H ---	Feedwater (CF)	Once Each Period	Leakage	VT-2	QAL-15	C7.10 C7.30
1SM-006L-B	MC-ISIL-1593-01.00	--- B ---	--- C-H ---	Main Steam (SM) & Vent To Atmosphere (SV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1SM-006L-B	MC-ISIL-1593-01.03	--- B ---	--- C-H ---	Main Steam (SM) & Vent To Atmosphere (SV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1SM-036L-B	MC-ISIL-1593-01.00	--- B ---	--- C-H ---	Main Steam (SM) & Vent To Atmosphere (SV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70

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Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1SM-036L-B	MC-ISIL-1593-01.02	--- B ---	--- C-H ---	Main Stm To Aux. Equip (SA) & Turb Exh (TE)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1SM-036L-B	MC-ISIL-1593-01.03	--- B ---	--- C-H ---	Main Steam (SM) & Vent To Atmosphere (SV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1SM-037L-B	MC-ISIL-1593-01.00	--- B ---	--- C-H ---	Main Steam (SM) & Vent To Atmosphere (SV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1SM-037L-B	MC-ISIL-1593-01.03	--- B ---	--- C-H ---	Main Steam (SM) & Vent To Atmosphere (SV)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1VB-093L-B	MC-ISIL-1605-03.01	--- B ---	--- C-H ---	Breathing Air (VB)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1VE-097L-B	MC-ISIL-1564-01.00	--- B ---	--- C-H ---	Annulus Ventilation (VE)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1VG-012L-C	MC-ISIL-1609-04.00	--- --- C	--- --- D-B	Diesel Gen. Starting Air (VG)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1VG-013L-C	MC-ISIL-1609-04.00	--- --- C	--- --- D-B	Diesel Gen. Starting Air (VG)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1VI-090L-B	MC-ISIL-1605-01.02	--- B ---	--- C-H ---	Instrument Air (VI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1VI-090L-B	MC-ISIL-1605-01.14	--- B ---	--- C-H ---	Instrument Air (VI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1VI-091L-B	MC-ISIL-1605-01.03	--- B ---	--- C-H ---	Instrument Air (VI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1VI-091L-B	MC-ISIL-1605-01.17	--- B ---	--- C-H ---	Instrument Air (VI)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1VP-099L-B	MC-ISIL-1576-01.00	--- B ---	--- C-H ---	Containment Purge Ventilation (VP)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1VS-092L-B	MC-ISIL-1605-02.02	--- B ---	--- C-H ---	Station Air (VS)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70

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Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1VX-094L-B	MC-ISIL-1557-01.00	--- B ---	--- C-H ---	Cont Air Return Exch & Hydrogen Skimmer (VX)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1WL-005L-B	MC-ISIL-1565-01.01	--- B ---	--- C-H ---	Liquid Waste Recycle (WL)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1WL-084L-B	MC-ISIL-1565-01.00	--- B ---	--- C-H ---	Liquid Waste Recycle (WL)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1WL-085L-B	MC-ISIL-1565-01.01	--- B ---	--- C-H ---	Liquid Waste Recycle (WL)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1WL-086L-B	MC-ISIL-1565-07.00	--- B ---	--- C-H ---	Liquid Waste Recycle (WL)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1WZ-047L-C	MC-ISIL-1581-01.00	--- --- C	--- --- D-B	Groundwater Drainage (WZ)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1WZ-048L-C	MC-ISIL-1581-01.00	--- --- C	--- --- D-B	Groundwater Drainage (WZ)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1WZ-073L-C	MC-ISIL-1581-01.00	--- --- C	--- --- D-B	Groundwater Drainage (WZ)	Once Each Period	Leakage	VT-2	QAL-15	D2.30 D2.70
1YA-043L-B	MC-ISIL-1617-01.00	--- B ---	--- C-H ---	Conventional Chemical Addition (YA)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70
1YC-066L-C	MC-ISIL-1618-01.00	--- --- C	--- --- D-B	Control Area Chilled Water (YC)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70
1YC-066L-C	MC-ISIL-1618-02.00	--- --- C	--- --- D-B	Control Area Chilled Water (YC)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1YC-066L-C	MC-ISIL-1618-04.00	--- --- C	--- --- D-B	Control Area Chilled Water (YC)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1YC-067L-C	MC-ISIL-1618-01.00	--- --- C	--- --- D-B	Control Area Chilled Water (YC)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.50 D2.70

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Zone No.	Dwg. No.	ISI Class	ISI Category	System	Examination Schedule	Req. Test	Req. Exam	Req. Proc.	ASME Item No.
1YC-067L-C	MC-ISIL-1618-02.00	--- --- C	--- --- D-B	Control Area Chilled Water (YC)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1YC-067L-C	MC-ISIL-1618-04.00	--- --- C	--- --- D-B	Control Area Chilled Water (YC)	Once Each Period	Leakage	VT-2	QAL-15	D2.10 D2.30 D2.70
1YM-095L-B	MC-ISIL-1601-02.04	--- B ---	--- C-H ---	Makeup Demineralized Water (YM)	Once Each Period	Leakage	VT-2	QAL-15	C7.30 C7.70

2.3 McGuire Unit 1 – System Listing and Boundary Drawings

The following is a list of the pressure testing systems, boundary drawings, and the ASME Section XI classes that identify the Examination Zones for McGuire Unit 1.

System (as listed in drawing title block)	Boundary Drawings	Class 1	Class 2	Class 3
Reactor Coolant (NC)	MC-ISIL-1553-01.00	X	X	
Reactor Coolant (NC)	MC-ISIL-1553-02.00	X		
Reactor Coolant (NC)	MC-ISIL-1553-02.01	X	X	
Reactor Coolant (NC)	MC-ISIL-1553-04.00		X	
Chemical & Volume Control (NV)	MC-ISIL-1554-01.00	X	X	
Chemical & Volume Control (NV)	MC-ISIL-1554-01.01	X	X	
Chemical & Volume Control (NV)	MC-ISIL-1554-01.02	X	X	
Chemical & Volume Control (NV)	MC-ISIL-1554-01.03		X	
Chemical & Volume Control (NV)	MC-ISIL-1554-02.00		X	X
Chemical & Volume Control (NV)	MC-ISIL-1554-02.01		X	
Chemical & Volume Control (NV)	MC-ISIL-1554-03.00		X	
Chemical & Volume Control (NV)	MC-ISIL-1554-03.01		X	X
Chemical & Volume Control (NV)	MC-ISIL-1554-05.00		X	X
Boron Recycle (NB)	MC-ISIL-1556-03.00		X	
Cont Air Return Exch & Hydrn Skimmer (VX)	MC-ISIL-1557-01.00		X	
Ice Condenser Refrigeration (NF)	MC-ISIL-1558-04.00		X	
Residual Heat Removal (ND)	MC-ISIL-1561-01.00	X	X	
Safety Injection (NI)	MC-ISIL-1562-01.00	X	X	
Safety Injection (NI)	MC-ISIL-1562-02.00	X	X	
Safety Injection (NI)	MC-ISIL-1562-02.01	X	X	
Safety Injection (NI)	MC-ISIL-1562-03.00	X	X	
Safety Injection (NI)	MC-ISIL-1562-03.01	X	X	
Safety Injection (NI)	MC-ISIL-1562-04.00		X	

System (as listed in drawing title block)	Boundary Drawings	Class 1	Class 2	Class 3
Containment Spray (NS)	MC-ISIL-1563-01.00		X	
Annulus Ventilation (VE)	MC-ISIL-1564-01.00		X	
Liquid Waste Recycle (WL)	MC-ISIL-1565-01.00		X	
Liquid Waste Recycle (WL)	MC-ISIL-1565-01.01		X	
Liquid Waste Recycle (WL)	MC-ISIL-1565-07.00		X	
Spent Fuel Cooling (KF)	MC-ISIL-1570-01.00			X
Spent Fuel Cooling (KF)	MC-ISIL-1570-01.01			X
Refueling Water (FW)	MC-ISIL-1571-01.00		X	
Nuclear Sampling (NM)	MC-ISIL-1572-01.00		X	
Nuclear Sampling (NM)	MC-ISIL-1572-01.01		X	
Nuclear Sampling (NM)	MC-ISIL-1572-03.00		X	
Component Cooling (KC)	MC-ISIL-1573-01.00			X
Component Cooling (KC)	MC-ISIL-1573-01.01			X
Component Cooling (KC)	MC-ISIL-1573-03.01		X	
Component Cooling (KC)	MC-ISIL-1573-04.00		X	
Nuclear Service Water (RN)	MC-ISIL-1574-01.00			X
Nuclear Service Water (RN)	MC-ISIL-1574-01.01			X
Nuclear Service Water (RN)	MC-ISIL-1574-02.00			X
Nuclear Service Water (RN)	MC-ISIL-1574-02.01			X
Nuclear Service Water (RN)	MC-ISIL-1574-03.00			X
Nuclear Service Water (RN)	MC-ISIL-1574-03.01			X
Nuclear Service Water (RN)	MC-ISIL-1574-04.00		X	X
Containment Purge Ventilation (VP)	MC-ISIL-1576-01.00		X	
Steam Generator Blowdown Recycle (BB)	MC-ISIL-1580-01.00		X	
Groundwater Drainage (WZ)	MC-ISIL-1581-01.00			X
Steam Generator Wet Layup Recirculation (BW)	MC-ISIL-1584-01.00		X	

System (as listed in drawing title block)	Boundary Drawings	Class 1	Class 2	Class 3
Feedwater (CF)	MC-ISIL-1591-01.01		X	
Auxiliary Feedwater (CA)	MC-ISIL-1592-01.00		X	X
Auxiliary Feedwater (CA)	MC-ISIL-1592-01.01			X
Main Steam (SM) & Vent To Atmosphere (SV)	MC-ISIL-1593-01.00		X	
Main Stm To Aux Equip (SA) & Turb Exh (TE)	MC-ISIL-1593-01.02		X	X
Main Steam (SM) & Vent To Atmosphere (SV)	MC-ISIL-1593-01.03		X	
Fire Protection (RF)	MC-ISIL-1599-02.02		X	
Makeup Demineralized Water (YM)	MC-ISIL-1601-02.04		X	
Containment Ventilation Cooling Water (RV)	MC-ISIL-1604-03.00		X	X
Instrument Air (VI)	MC-ISIL-1605-01.02		X	
Instrument Air (VI)	MC-ISIL-1605-01.03		X	
Instrument Air (VI)	MC-ISIL-1605-01.14		X	
Instrument Air (VI)	MC-ISIL-1605-01.17		X	
Station Air (VS)	MC-ISIL-1605-02.02		X	
Breathing Air (VB)	MC-ISIL-1605-03.01		X	
Diesel Gen Engine Cooling Water (KD)	MC-ISIL-1609-01.00			X
Diesel Gen Engine Cooling Water (KD)	MC-ISIL-1609-01.01			X
Diesel Gen Engine Lube Oil (LD)	MC-ISIL-1609-02.00			X
Diesel Gen Engine Lube Oil (LD)	MC-ISIL-1609-02.01			X
Diesel Gen Engine Fuel Oil (FD)	MC-ISIL-1609-03.00			X
Diesel Gen Engine Fuel Oil (FD)	MC-ISIL-1609-03.01			X
Diesel Gen Starting Air (VG)	MC-ISIL-1609-04.00			X
Conventional Chemical Addition (YA)	MC-ISIL-1617-01.00		X	
Control Area Chilled Water (YC)	MC-ISIL-1618-01.00			X
Control Area Chilled Water (YC)	MC-ISIL-1618-02.00			X
Control Area Chilled Water (YC)	MC-ISIL-1618-04.00			X

System (as listed in drawing title block)	Boundary Drawings	Class 1	Class 2	Class 3
Nuclear Service Water (RN)	MC-ISIL-2574-01.01			X
Nuclear Service Water (RN)	MC-ISIL-2574-04.00			X
Containment Ventilation Cooling Water (RV)	MC-ISIL-2604-03.00			X

2.4 McGuire Unit 1 – Risk-Informed Cross-Reference

The following is a list of the pressure testing Examination Zones, ISI Boundary Drawings, Risk-Informed Segments, and the Risk-Informed Segment Drawings.

McGuire Unit 1

Risk-Informed Cross-Reference

Zone Number	ISI Boundary Drawing	RI Segment Number
1NC-070L-A	MC-ISIL-1553-01.00	NC-18 NC-19 NC-20 NC-21 NC-23 NC-86 NC-89 NC-90
	MC-ISIL-1553-02.00	NC-054 NC-055 NC-056
	MC-ISIL-1553-02.01	NC-086
	MC-ISIL-1554-01.00	NV-033A NV-033B NV-034A NV-034B NV-037 NV-038 NV-041A NV-041B NV-042A NV-042B
	MC-ISIL-1554-01.01	NV-030A NV-030B NV-032A NV-032B NV-035 NV-036 NV-039A NV-039B NV-040A NV-040B
	MC-ISIL-1562-01.00	NI-068 NI-069 NI-070 NI-071
1NV-016L-B	MC-ISIL-1554-01.00	NV-020H NV-020F NV-020GA
	MC-ISIL-1554-01.01	NV-020AD NV-020B NV-020CA NV-020D NV-020EA
	MC-ISIL-1554-03.00	NV-019AA

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Risk-Informed Cross-Reference

Zone Number	ISI Boundary Drawing	RI Segment Number
1NV-016L-B		NV-019B NV-019D NV-020AB NV-020AC NV-021A NV-021B
	MC-ISIL-1554-03.01	NV-002AB NV-002D NV-011A NV-019AA NV-019C NV-019E
	MC-ISIL-1562-01.00	NV-011A
	MC-ISIL-1562-03.00	NV-002AB
1NV-017L-B	MC-ISIL-1554-01.00	NV-028 NV-029
	MC-ISIL-1554-01.01	NV-026 NV-027
	MC-ISIL-1554-01.03	NV-026 NV-027 NV-028 NV-029
1NV-018L-B	MC-ISIL-1554-01.02	NV-080A NV-080B NV-084A NV-084B NV-084C
1NV-045L-B	MC-ISIL-1554-03.00	NV-002C NV-108A NV-109
1NV-051L-B	MC-ISIL-1554-03.01	NV-011A