LRM-403

REVISION

REACTOR CONTAINMENT VESSEL

SHIELD BLDG.

DOME FAN 1A

DOME FAN 1B

SV-33788

SV-33789

VENT

A/S

2" HYDROGEN RECOMBINER SUCTION

SWAGELOK TEST CONNECTOR

LOCA 101A

PEN NO 345

THRU SHIELD BUILDING PENETRATION NO 50

TO AUX BLDG EXHAUST SEE DWG. M601 LOC B/9.5

LOCA 202

LOCA 101B

THRU SHIELD BUILDING PENETRATION NO 49N

IN AREA OF LOCAL POST LOCA HYDROGEN CONTROLS

LOCAL SAMPLE

LOCA30A

LOCA11A

LOCA30B

LOCA11B

FE 27083

FE 27084

CV 31386 LOCA3A

CV 31388 LOCA3B

POSITIONER

LOCA1A

LOCA1B

LOCKED OPEN

LOOP SEAL

MV 32145 LOCA2A

MV 32146 LOCA2B

ES 19577

ES 19696

ES 19695

ES 19687

ES 19594

ES 19593

ES 19579

CS 19583

CS 19584

FI 18239

FI 18240

DPI 11407

CV 31387 LOCA10A

CV 31389 LOCA10B

PEN. NO. 36S

PEN. NO. 36N

PEN. NO. 36SE

PEN. NO. 36NW

PEN NO 49N

PENETRATION NO 44

SV33614

SV33615

ES 19698

ES 40021

ES 40018

ES 40017

ES 19582

ES 19697

ES 19714

ES 19715

ES 19681

CV 31721

CV 31724

LOCA 201A

LOCA 201B

SA7004A

SA7020A

SA7004B

SA7020B

SA7003A

SA7003B

MV 32147

MV 32148

ES 19578

F.O. SA7010A

F.O. SA7010B

SV-33394

SV-33395

TEST CONN.

SA7002A

SA7002B

IA1002A

IA1002B

IA1001A

IA1001B

CV 31591

CV 31592

PI 11405

PI 11406

FI 18237

FI 18238

INSTRUMENT AIR SUPPLY SEE M213-6 (E-9)

INSTRUMENT AIR SUPPLY SEE M213-6 (A-11)

PI 11403

PI 11404

SA7001A

SA7001B

2" HYDROGEN RECOMBINER DISCH.

LOCA 109A

2" HYDROGEN RECOMBINER DISCHARGE

LOCA 109B

FLEXIBLE CONNECTION 2 INCH CNTMT SUPPLY BLOWER MOTOR NO. 1-1079

PZ 11012

1.9 PSIG LOCA-109B

FILTER

EMERGENCY AIR SUPPLY

SA7000A

SA7000B

MG2000A

CALIBRATION GAS

MG2000B

4" VENT

MG2001A

MG2001B

AS100A

AS100B

AS101A

AS101B

CONTAINMENT AIR H2 ANALYZER 1A

CONTAINMENT AIR H2 ANALYZER 1B

LR NOTE 1

AS110A

AS110B

SV-33692

SV-33693

FC

MG2101A

MG2101B

AS120A

AS120B

CONTAINMENT AIR SAMPLER SEE XX-05554-15, 68

INSTRUMENT AIR

NITROGEN

LOCA12

CONNECTION TO GAS ANALYZER (SEE XK100-131 LOC.C-10)

INSIDE HIGH RADIATION SAMPLE ROOM

MG2100A

MG2100B

REAGENT GAS (O2)

LR NOTE 2

LEGEND

NON SV ZONE / SV ZONE

DENOTES PRE-FABRICATED ELECTRICALLY HEAT TRACED LINE

INSTALL SOLENOID VALVES IN DIRECTION OF ARROW

FOR SHEET 1 - REACTOR AND SHIELD BLDG. VENTILATION SEE M602

LR NOTES:

1. THE HYDROGEN ANALYZERS ARE IN LR SCOPE. THE COMPONENTS ARE "ACTIVE" AND DO NOT REQUIRE AN AGING MANAGEMENT REVIEW.
2. THE OXYGEN IS SUPPLIED BY GAS CYLINDERS LOCATED OUTSIDE THE HIGH RADIATION SAMPLE ROOM. THE CYLINDERS ARE IN LR SCOPE BUT ARE NOT SHOWN ON A LR DRAWING. THE OTHER GASES ARE USED FOR CALIBRATION PURPOSES, ETC. AND ARE NOT REQUIRED FOR THE OPERATION OF THE H2 ANALYZERS.
3. FOR LR PURPOSES, SOME COMPONENTS WITH AN "1A" OR "SA" SYSTEM DESIGNATOR IN THEIR EQUIPMENT ID HAVE BEEN ASSIGNED TO THE RBV SYSTEM IN ORDER TO MAINTAIN CONSISTENCY WITH THE USAR.

LICENSE RENEWAL DRAWING LEGEND

- 18/RBV REACTOR BUILDING VENTILATION - POST LOCA HYDROGEN CONTROL
- 18/RBV REACTOR BUILDING VENTILATION - CONTAINMENT DOME VENTILATION
- Ø1/AS STATION AND INSTRUMENT AIR
- 51/GS MISCELLANEOUS GAS

IN SCOPE FOR LR PER 10CFR 54.4 (a) (2)

IN SCOPE FOR LR PER 10CFR 54.4 (a) (1) 10CFR 54.4 (a) (3)

DOMINION ENERGY KEWAUNEE, INC.
KEWAUNEE POWER STATION

LICENSE RENEWAL DRAWING
REACTOR BLDG VENT SYSTEM POST LOCA HYDROGEN CONTROL

HYBRID CADD	APPROVED	DRAWN	DWG. No.	REV.
		JSW 03/30/06	LRM-403	0
	REVIEWED	SCALE		

REFERENCED PER MASTER DRAWING OPERM-403 REV Z

REV "Z" PER LAST UPDATE

22-JUL-2008 11:07 LRM-403.DGN