



- NOTE(S)
1. THESE COMPONENTS WERE NOT BUILT TO APPROPRIATE CODES AND STANDARDS BUT WILL EITHER BE ANALYZED OR SEISMICALLY TESTED PRIOR TO BEING INSTALLED AT MCQUIRE.
 2. ALL NEW DUKE PIPING INSTALLED AT MCQUIRE TO BE CLASS "C".
 3. THIS COMPONENT WAS NOT BUILT TO ASME III. HOWEVER, IT WAS BUILT TO THE APPLICABLE CODE AT THE TIME OF PURCHASE AS PER MCQUIRE PSAR TABLE 1A 4-2.
 4. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWO-1228(A)(1) LD02, LD03.
 5. WELD ISO & MATH MODEL DRAWING REFERENCES ARE APPROXIMATE AND ARE FOR INFORMATION ONLY.

DESIGN PARAMETERS					
LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
LD02	PS 150.3	75 PSIG	170 F	C	CS
LD03	PS 150.3	75 PSIG	150 F	C	CS

LEGEND

- ISI CLASS 1
- ISI CLASS 2
- ISI CLASS 3
- ISI EXEMPT
- NON-ISI

THIS DRAWING IS FOR INSERVICE INSPECTION ONLY AND SHALL NOT BE USED FOR OTHER PURPOSES SUCH AS MAINTENANCE, MODIFICATION, OR REPAIRS. THIS DRAWING SHALL BE REVISED WHEN AS-BUILT CHANGES AFFECT THE INSERVICE INSPECTION BOUNDARIES AND DETAILS OF THE COMPONENTS/SYSTEMS SHOWN.

REFERENCE FLOW DIAGRAM
MCFD-1609-02.00 REV. 0
ERN: MC0099ZE

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE	CIVIL	ELEC	MECH	INSPECTED

QA CONDITION 1
DUKE POWER COMPANY
MCQUIRE NUCLEAR STATION UNIT 1
ASME SECTION XI
INSERVICE INSPECTION NDE BOUNDARY OF
DIESEL GENERATOR ENGINE
LUBE OIL SYSTEM (LD)

ORIG RELEASED FOR ISI USE ONLY	TDM	11-13-00	GDS	11-13-00	RKR	12-14-00	W	A	I	V	E	D	DESIGNER	TIM MYERS	DATE	11-13-00	INSP	WAIVED	DATE	
													DRAWN	TIM MYERS	DATE	11-13-00	INSP	WAIVED	DATE	
													CHECKED	DAVID D. SCARBOROUGH	DATE	11-13-00	APPR	R. KEVIN RHYNE	DATE	12-14-00
													SCALE							

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