



ANSTEC APERTURE CARD

- NOTES:
- CONSTRUCTION WENTS & DRAINS.
 - OPEN ENDS OF ALL PIPING ARE TO BE PROTECTED WITH STEEL CAPS AND GAGES IN ORDER TO MONITOR CONTAMINATION.
 - FLEXIBLE CONNECTIONS ARE NOT RECOMMENDED FOR OIL CONNECTIONS TO RECTOR EQUIPMENT.
 - DRAINS SHOULD BE INSTALLED AT ALL PIPE LOW POINTS. WETS SHOULD BE INSTALLED AT ALL PIPE HIGH POINTS.
 - PIPING SHOULD BE SUPPORTED TO MINIMIZE PIPE VIBRATION AND ALLOW SLOPING.
 - DO NOT USE OIL LUBRICATED OR BACK UP WRENCH QUANTITY OF FULL FLOW LUBE OIL FILTERS NOR DOWNSTREAM PRELUBE OIL FILTERS.
 - BLAST PIPING SHOULD BE TAPPED AND WRAPPED.
 - VENT PIPING BY DESIGN, TO ENGINE CLEANLINESS.
 - MANUAL CONTROL FOR SUPPLY TANK HEATERS.
 - SHOWER STAINERS POINTED IN LINE.
 - QUICK DISCONNECT IS TO ACCOMMODATE USED LUBE OIL TO 1500 OPERATOR STRAINER DRUM'S TRANSFER FROM THE SYSTEM TO THE OIL DRAIN.
 - LUBE OIL STRAINER FROM LUBE OIL FROM DIESEL GEN. ENGINE LUBE OIL STRAINERS POINTED TO THROUGH THIS CONNECTION.
 - QUICK DISCONNECT IS TO ACCOMMODATE USED LUBE OIL TO 1500 OPERATOR STRAINER DRUM'S TRANSFER FROM THE SYSTEM TO THE OIL DRAIN.
 - DESIGN CONDITIONS, CHECKED PER MEMO TO FILE CN-1223-22-11 DATED 9/2/53, CN-1223-22-21-6883.

DESIGN PARAMETERS

LINE	LISTING	PIPE SPEC	PRESSURE	TEMPERATURE	CLASS	MATERIAL
01	PS 100-1	1 1/2" PS10	2880P	2880P	CS	CS
02	PS 100-2	1 1/2" PS10	2880P	2880P	CS	CS
03	PS 100-3	1 1/2" PS10	2880P	2880P	CS	CS
04	PS 100-4	1 1/2" PS10	2880P	2880P	CS	CS
05	PS 100-5	1 1/2" PS10	2880P	2880P	CS	CS
06	PS 100-6	1 1/2" PS10	2880P	2880P	CS	CS
07	PS 100-7	1 1/2" PS10	2880P	2880P	CS	CS
08	PS 100-8	1 1/2" PS10	2880P	2880P	CS	CS
09	PS 100-9	1 1/2" PS10	2880P	2880P	CS	CS
10	PS 100-10	1 1/2" PS10	2880P	2880P	CS	CS
11	PS 100-11	1 1/2" PS10	2880P	2880P	CS	CS
12	PS 100-12	1 1/2" PS10	2880P	2880P	CS	CS

NO.	REVISIONS	DATE	BY	CHKD	DATE	APPR	DATE	DESIGNER	DATE	CHKD	DATE	APPR	DATE
12	REV PER CE-4156												
01	ORIGINAL DRAWING RETIRED												

O. A. CONDITION 4
O. A. CONDITION 1

DUKE POWER COMPANY
CATAWBA NUCLEAR STATION UNIT 2

FLOW DIAGRAM OF
DIESEL GEN. ENGINE LUBE OIL
SYSTEM (LDS)

ERN: (N000) JTR

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NOTE 13

DESIGNER: [] DATE: []
 CHECKED: [] DATE: []
 APPROVED: [] DATE: []
 DWG. NO. CN-2609-2.0

PDR RIDS

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