REVISIONS		
REV	ZONE	DESCRIPTION
34	C,D-2	REVISED TO INCORPORATE ECR-14-00032 REV. 2

SF-P-1A SPENT FUEL COOLANT PUMP

SF-P-1B SPENT FUEL COOLANT PUMP

SF-C-1A SPENT FUEL COOLER

SF-C-1B SPENT FUEL COOLER

SF-P-2 BORATED WATER RECIRC PUMP

SPENT FUEL POOL "A" 435,000 GAL

SPENT FUEL POOL "B" 215,000 GAL

SPENT FUEL CASK LOADING PIT 20,000 GAL ELEV 303'-6"

EAST SIDE (INLETS)

WEST SIDE (OUTLETS)

SIPHON BREAK 1/2" DIA HOLE

FUEL TRANSFER CANAL

FUEL TRANSFER TUBES

SIGHT HOSE

REACTOR CAVITY FLOODING

RB SUMP

QUICK DISCONNECT

PRIMING CONNECTION

TO QR FROM BORATED WATER STORAGE TANK VIA DECAY HEAT SYSTEM RECIRCULATION AND TEST LINE

302-640 (F-2)

FROM RECLAIMED WATER 302-669 (E-5)

FROM BORIC ACID PUMP 302-670 (D-3)

TO BORATED WATER 302-640 (F-2) STORAGE TANK

TO DECAY HEAT 302-640 (B-6) PUMP "A" SUCTION & DH-V50

HOSE CONN FOR SAMPLE & DRAIN

FROM LWD CLEANUP 302-691 (F-7) OR RC BLEED TANK

3" TO LWD CLEANUP 302-691 (H-8)

FROM FLEX RCS AND SFP MAKEUP SYS 302-663 (G-2)

TO FLEX RCS AND SFP MAKEUP SYS 302-663 (C-2)

CONN.

NOTES

1. VALVE POSITIONS SHOWN FOR REFERENCE ONLY. ACTUAL POSITIONS CONTROLLED BY PROCEDURES.
2. ALL INSTRUMENT TAG NUMBERS ARE PREFIXED BY SYSTEM DESIGNATOR UNLESS OTHERWISE NOTED.
3. SET POINT VALUES FOR RELIEF VALVES TO BE FOUND IN THE APPLICABLE ENGINEERING SETPOINT DATABASE.
4. VALVES ARE SHOWN IN NORMAL OPERATING POSITIONS OF COOLING AND FILTERING WATER IN SPENT FUEL POOL B. USING SF-P1A AND SF-C1A FOR COOLING.
5. ALL PIPING IS PIPE SPEC ▷, SEISMIC CLASS AS NOTED, & NUCLEAR CLASS N-3 (EXCEPT AS NOTED)
6. B & W SUPPLIED INSTRUMENTION IS DENOTED WITH AN ASTERISK.
7. FOR DESIGN CONDITIONS SEE B&W DWG 27553F.

NO.	DWG. NO.	TITLE
3	302-003	COMPONENT & SYS ID INDEX
2	302-002	SYMBOLS INSTRUMENTATION
1	302-001	SYMBOLS FLOW DIAGRAM
		REFERENCES

Cad File Name : 302630_R34

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Exelon Nuclear

SPENT FUEL COOLING SYSTEM
FLOW DIAGRAM

DRAWN	DATE
MARK TETKOSKIE	11/11/15
CHECKED	DATE
DESIGN MANAGER	11/20/15
DESIGN	DATE
ENGINEERING MANAGER	11/24/15
INTERFACING CONCURRENCE	

TMI-1 | DWG. NO. 302-630 | SH. — | REV. 34 | SCALE: NONE | BA NO. —

DWG.NO. 302-630 SH. 1