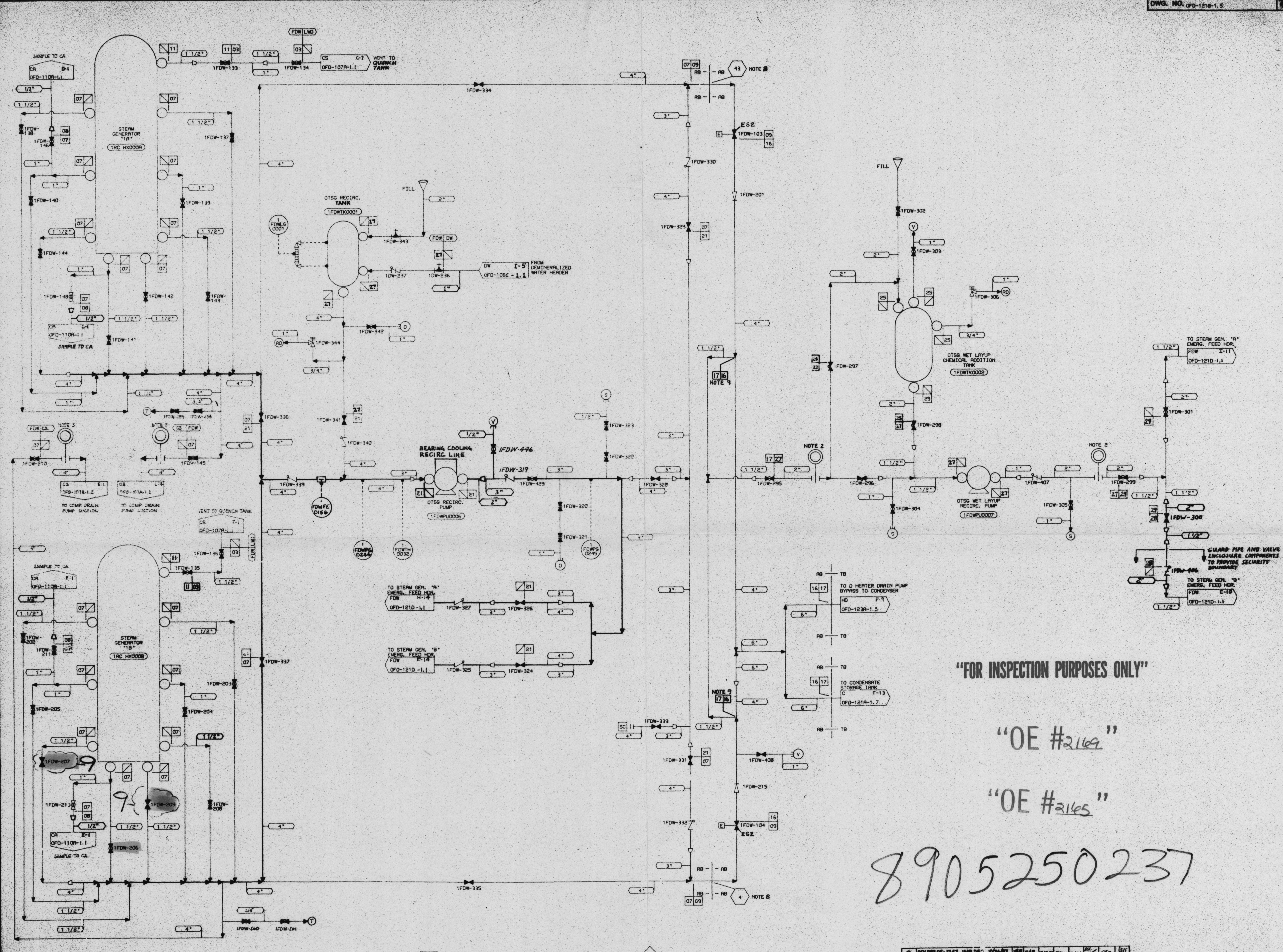

"FOR INSPECTION PURPOSES ONLY"

"OE #2169"

"OE #2165"

8905250237

11. 1440 PSIG 80°F, 150 PSIG 300°F

NOTES:

1. OPERATING MODE REPRESENTED BY BOLD LINES: STEAM GENERATOR RECIRCULATION (NOTE: ONLY ONE STEAM GENERATOR IS RECIRCULATED AT A TIME).
2. OPEN SIDE OF SPECTACLE FLANGE (3/32" THICK) TO BE INSTALLED ONLY WHEN STEAM GENERATOR PRESSURE IS BELOW 35 PSIG. BLANK SIDE OF SPECTACLE FLANGE (3/32" THICK) TO BE INSTALLED WHEN STEAM GENERATOR PRESSURE IS ABOVE 35 PSIG.
3. OPEN SIDE OF SPECTACLE FLANGE (3/32" THICK) TO BE INSTALLED ONLY WHEN DRAINING SECONDARY SIDE TO COMPONENT DRAIN PUMP. BLANK SIDE OF SPECTACLE FLANGE (3/32" THICK) IS TO BE INSTALLED ONLY WHEN THE REACTOR IS IN OPERATION.
4. 1/2" THRU 24" SCH. 80
5. 1/2" THRU 2" SCH. 80
   TUBING:
   1/4", 3/8" .035" WALL
   1/2" .065" WALL
6. 1/2" THRU 10" SCH. 40
   12" THRU 36" STD
7. 1/2" THRU 6" SCH. [illegible]
8. FOR DETAIL OF PENETRATION SCHEDULE TRANSITION SEE [illegible]
9. [illegible] OTSG [illegible] CLASS F - NOT A FLOOD HAZARD.
10. THE ORIGINAL ISSUE OF THIS DRAWING IS BASED ON FD-121D-1[illegible], REV.17, FD-115H, REV.15 AND FD-115K, REV.16.

DESIGN PARAMETERS

LINE NO.	DUKE CLASS	DESIGN PRESS	DESIGN TEMP	MATERIAL	PIPE SPEC. NO.	PIPE SCH. NO.	ISI CLASS
03	G	1275 PSIG	475°F	CS	600.5	NOTE 4	–
07	F	1050 PSIG	600°F	CS	600.4	NOTE 4	B
08	F	1050 PSIG	600°F	SS	601.4-TS2701.2	NOTE 5	B
09	F	1050 PSIG	600°F	CS	600.4	SCH. 120	B
11	F	1275 PSIG	475°F	CS	600.5	NOTE 4	B
16	F	1050 PSIG	600°F	CS	600.4	NOTE 7	C
17	G	1050 PSIG	600°F	CS	600.4	NOTE 7	–
21	G	1050 PSIG	600°F	CS	600.4	NOTE 4	–
25	G	35 PSIG	125°F	CS	150.4	NOTE 6	–
27	G	150 PSIG	300°F	CS	150.4	NOTE 6	–
28	G	NOTE 11	NOTE 11	CS	600.4	SCH. 80	–
29	G	150 PSIG	300°F	CS	600.4	SCH. 80	–

DESIGN FLOW

NO.	FLOW

SI APERTURE CARD

NO.	REVISIONS
9	REV PER OE-1247, IMP DATE 10/26/87
	REV PER OE-1206, IMP DATE 10/26/87
8.	REVISED PER [illegible] CHANGES OE-1179, OE-1200 AND OE-1201. IMP DATE: [illegible]
7.	ADDED LINE SIZE & CONT. COORD. @J-6
6.	Rev. Per NSM-1498, Part 0, Ph. A
	Imp. Date: [illegible] & VN-2609 (Admin Cond.)
5	REV PER VN OE-0441
4	REV. PER NSM-ON-21245, [illegible] 34745, IMP DATE: [illegible]
3.	CORRECTED CONT. AT [illegible] ADDED COORD., REMOVED CONT. [illegible]
2.	REV. PER NSM ON-1012. ADDED SSF RELATED.
1.	REVISED VARIOUS INCORRECT LINE NO. [illegible]
	REDRAWN FOR DOCUMENT UPGRADE

SSF RELATED
QA CONDITION 1

DUKE POWER COMPANY
OCONEE NUCLEAR STATION UNIT 1

FLOW DIAGRAM OF FEEDWATER SYSTEM
(STEAM GENERATOR DRAIN & RECIRCULATION SYSTEM)

DWG. NO. OFD-121B-1.5

Docket # 50-269
Control # 8905230092
Date 5/15/89 of Document
REGULATORY DOCKET FILE