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February 5, 1979

Mr. Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

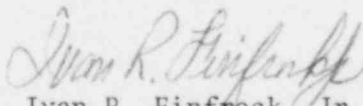
Dear Mr. Ziemann:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Verification of Correctness of Data on
SEP Topic V-11.A

As requested by your letter dated December 21, 1978 the enclosed table entitled "Evaluation of Isolation of Low Pressure Systems from Reactor Coolant System" has been reviewed and updated.

If you have any questions pertaining to the table please contact Mr. Jim Knubel, Supervisor, Nuclear Safety and Licensing at 201-455-8753.

Very truly yours,


Ivan R. Finfrock, Jr.
Vice President

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EVALUATION OF ISOLATION OF LOW PRESSURE SYSTEMS FROM REACTOR COOLANT SYSTEM

<u>Direct Interfaces</u>	<u>Meets Isolation Criteria</u>	<u>Redundancy of Isolation</u>	<u>Type Valves</u>	<u>Testable Between Valves</u>	<u>Location of HP/LP Interface</u>	<u>Check Valve Orientation</u>	<u>Method of Pressure Reduction</u>	<u>Method of Isolation</u>	<u>Remarks</u>
Water Cleanup System Inlet	Yes	Yes	2 MO	No	1 inside containment 1 outside containment	N/A	Pressure Control Valve	(Note 1)	Fig. x-2-1(FSAR)
Discharge	No	Yes	1 MO 1 check valve	No	MO valve outside containment Check valve inside	Horizontal	N/A	(Note 1)	
ECCS Low Pressure Injection	NOT APPLICABLE								
Low Pressure Core Spray	Yes	Yes	1 MO 1 check valve	No	Check Valve inside containment MO Valve outside	Vertical (Sys. II) Horizontal (Sys. I)	N/A	Normally closed only initiated on RPS signal	Discharge only, suction from suppression Pool
Sampling System	Yes	Yes	2 solenoid	No	1 inside containment 1 outside containment	N/A	Throttle with manual valve	High Drywell Pressure	No information in FSAR. High Pressure Sys.

MO - Motor Operated Valve

AOV - Air Operated Valve

EVALUATION OF ISOLATION OF LOW PRESSURE SYSTEMS FROM REACTOR COOLANT SYSTEM (CONT.)

<u>Direct Interfaces</u>	<u>Meets Isolation Criteria</u>	<u>Redundancy of Isolation</u>	<u>Type Valves</u>	<u>Testable Between Valves</u>	<u>Location of HP/LP Interface</u>	<u>Check Valve Orientation</u>	<u>Method of Pressure Reduction</u>	<u>Method of Isolation</u>	<u>Remarks</u>
RHR System (Shutdown Cooling Sys)									
Suction	Yes	Yes	2 MO	No	1 inside containment 1 outside containment	N/A	N/A	High Temp. interlock to prevent opening isolation valves above 350°F	High pressure sys. Fig. X-2-2(FSAR) Also isolates automatically on low-low level Note 2
Discharge	Yes	Yes	2 MO	No	1 inside containment 1 outside containment	N/A	N/A		
Reactor Vessel Head Cooling System	Yes	Yes	1 Check Valve 1 AOV	No	Check Valve Inside containment AOV Outside Containment	Horizontal	N/A	Normally closed Only used is needed for head removal	

MO - Motor Operated Valve
AOV - Air Operated Valve

NOTE 1

- A. The 2 inlet and 1 outlet MO valves close on low-low reactor water level
- B. Only the 2 inlet MO valves close on
 - 1. Low flow through the in service cleanup filter
 - 2. High temperature reactor water out of the non-regenerative heat exchanger
 - 3. High pressure out of pressure control valve
 - 4. High temperature cooling water from the aux cleanup pump when in use
 - 5. Liquid poison being injected into the reactor pressure vessel

NOTE 2

- A. Only the suction and discharge valve inside containment are interlocked with the high temperature and low-low level signal.