

RE: FLORIDA POWER CORPORATION (CRYSTAL RIVER 3)  
DOCKET 50-302 VERIFICATION OF VALVE WALL  
THICKNESS

F. J. Long  
Region II

X CO Inspection Report 50-302/71-03, "Management Interview," Paragraph D, states that FPC plans a sample examination of one valve for each pattern. This approach does not eliminate the following concerns:

1. Each valve is individually cast, and subject to individual casting problems. Measurements made in the field indicated that in several instances, the ID of the valve was not concentric with the OD of the valve, and the degree of eccentricity was not sufficiently constant to promote confidence in a sampling program. Some of the valves measured, although reasonably concentric, had thin walls in various areas, the cause for which was not readily apparent.
2. The degree of confidence required for the safety and reliability of all the valves within the primary pressure boundary appears to dictate that each valve will have to be measured and documented that the wall thicknesses meets the design requirements. It might be possible for the licensee to transfer this responsibility to his valve vendor for all those valves not yet delivered.

cc: A. Giambusso  
R. H. Engelken  
J. Davis, CO:II

POOR  
ORIGINAL

8002280718

OFFICE ▶	CO				
SURNAME ▶	DWhitesell JBHenderson	J. B. Henderson			9/7/71
DATE ▶	9/7/71				