

*Docket Files*

AUG 23 1976

DISTRIBUTION:

Docket Files  
NRR Reading  
CSB Reading

50-346

MEMORANDUM FOR: R. Kiessel, Mechanical Engineering Branch, DSS  
FROM: J. W. Shapaker, Section B Leader, Containment Systems Branch, DSS  
SUBJECT: CONTAINMENT PURGE ISOLATION VALVES, DAVIS BESSE, UNIT 1

The applicant has indicated his intention to use the containment purge system during plant operation. The purge system isolation valves, which are listed in Table 6-8 as containment isolation valves and receive signals to close in the event of an accident, must, therefore, be considered "active valves." Figures 6-5 and 6-6 in the FSAR, indicate the worst pressure and temperature transient expected in the containment for the 14.14 ft<sup>3</sup> hot leg DBA. The valve should be assumed to be fully closed 10 seconds after the LOCA. We have based our review of the applicant's proposed use of the containment purge system on the assumption that the isolation valves will be capable of closing during the transient referenced in the above figures. If during the course of your review of the operability of the purge system isolation valves it becomes evident that the above assumption is not warranted, please contact D. Pickett as soon as possible.

J. W. Shapaker, Section Leader B  
Containment Systems Branch  
Division of Systems Safety

cc: J. Knight  
G. Lainas  
L. Engle  
D. Pickett  
file: DB1

POOR ORIGINAL

Contact:  
D. Pickett, CSB  
Tele. No. 27711

OFFICE →	PS:CSB <i>JW</i>	PS:CSB	PS/CSB			
SURN. NAME →	DPickett:mc	JShapaker	GLainas			
DATE →	8/ /76	8/ /76	8/ /76			

8002050625