MEMORANDUM FOR:

Jack E. Rosenthal, Chief

Reactor Operations Analysis Branch

Division of Safety Programs

Office for Analysis and Evaluation

of Operational Data

THRU:

Matthew Chiramal, Chief Engineering Section

Reactor Operations Analysis Branch

Division of Safety Programs

Office for Analysis and Evaluation

of Operational Data

FROM:

Chuck Hsu, Mechanical Engineer

Engineering Section

Reactor Operations Analysis Branch

Division of Safety Programs

Office for Analysis and Evaluation

of Operational Data

SUBJEC':

FOLLOW-UP ON STEAM BINDING OF AFW PUMPS

Enclosed is a Technical Review report on retrospective study of operating experiences involving steam binding of AFW pumps. The study was initiated because of a concern whether licensee actions to prevent steam binding of AFW pumps were adequate following the issuance of Bulletin 85-01. This report indicates that none of the backleakage events that occurred after the issuance of the bulletin have resulted in the steam binding of an AFW pump. It would seem appropriate to conclude that the actions taken by the licensees have been effective in monitoring and correcting the backleakages early enough to prevent any subsequent steam binding of the AFW pumps. Therefore, no further AEOD action is needed.

14

Chuck Hsu, Mechanical Engineer Engineering Section Reactor Operations Analysis Branch Division of Safety Programs Office for Analysis and Evaluation of Operational Data

Enclosure: As stated

Distribution:

PDR DSP R/F KBlack HFaulkner VBenaroya Central file TCintula MWilliams MTaylor ROAB R/F GLanik TNovak BBrady CHeltemes EJordan CHaughney LSpessard

AEOD/T927

ROAB:DSP:AEOD CHsu:as C H. 11/14/89 ROAB:DSP:AEOD MChiramal Luc 11/4/89 ROAB:DSP:AEOD JRosenthal 12/27/89 DF03

RD-11-2B

9001100075 891229 PDR ORG NEXD

NRC FILE CENTER COPY