

SUMMARY

Mr. Tom Hogan and Mr. Tim Chan of TVA asked MK-PSD to review the air start system start motor recycling circuits to verify that redundancy of the systems was not defeated.

A review of the system is presented in the attached discussion. It was found that in the event of the loss of the air supply from one system, the recycling feature would continually recycle and prevent the redundant system from completing its safety function which is to start the diesel engine. The likelihood of losing the air receivers of one of the redundant systems is remote. The air receiver pressure is monitored by low pressure alarm.

Because this is a specific MK/PSD design, MK/PSD will only notify the Nuclear Power Plants that MK/PSD has determined either have or may have the design defect. This notice applies only to the tandem diesel generator arrangement.

The Nuclear Plants are as follows:

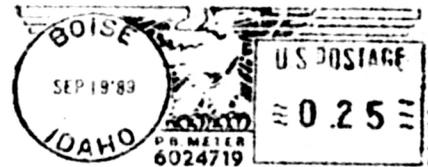
<u>NUCLEAR POWER PLANT</u>	<u>MK/PSD IWO NO.</u>	<u>DRAWING NO.</u>
Tennessee Valley Authority- Saguoyah Nuclear Plant	A950	A950F02501, Sh. 1
Tennessee Valley Authority- Watts Bar Nuclear Plant	379	379F02501, Sh. 1
Taiwan Power - Chin Shan Nuclear Plant	6115	6115F02501, Sh. 1
Cofrantes - Hidroelectrica Española	6001	6001F02501, Sh. 2
Ebasco - Proyecto Nucleoelectrico Laguna Verde	6020	6020F02501, Sh. 2 * CHANGED
Ebasco - St. Lucie II Nuclear Plant	6002	6002F02501, Sh. 1
Portland GE - Trojan Nuclear 6071 Plant		6071F02502, Sh. 1

\*For Trojan, all pressure switches are in series. If only one pinion engages the, cycle function will stop. Two sets of start motors are required. The proposed change is required in this case also.



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