

## EXHIBIT A

8103030568

1. Reportable Occurrence Report No. 50-313/81-001/01T-0
2. Report Date: 3. Occurrence Date: 1/17/81
4. Facility: Arkansas Nuclear One - Unit One  
Russellville, Arkansas
5. Identification of Occurrence: Discovery of condition of service water piping support design related to Reactor Building Cooling Coils' nozzle loading during certain plant conditions that require remedial action or corrective measures to prevent the existence or development of an unsafe condition. Reportable per Technical Specification 6.12.3.2.i.

6. Conditions Prior to Occurrence:

Steady-State Power _____	Reactor Power _____ MWth
Hot Standby _____	Net Output _____ MWe
Cold Shutdown _____	Percent of Full Power _____ %
Refueling Shutdown _____ X _____	Load Changes During Routine Power Operation _____
Routine Startup Operation _____	
Routine Shutdown Operation _____	
Other (specify) _____	

7. Description of Occurrence: As a result of an analysis being performed in relation to the installation of flow measuring orifices in the Service Water piping serving the Reactor Building Cooling Coils, VCC 2 A/B/C/D, a concern was identified related to the adequacy of the piping system. The analysis revealed that the original analysis performed, and a subsequent analysis performed as a result of I.E. Bulletin 79-14, had considered the Reactor Building Cooling Coil piping nozzles as rigid anchors. Discussions with the equipment manufacturer (American Air Filter) indicated that these nozzles should not be considered as rigid anchors.

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8. Designation of Apparent Cause of Occurrence:

Design	<u>X</u>	Procedure	<u>                    </u>
Manufacture	<u>                    </u>	Unusual Service Condition	<u>                    </u>
Installation/ Construction	<u>                    </u>	Including Environmental	<u>                    </u>
Operator	<u>                    </u>	Component Failure	<u>                    </u>
		(See Failure Data)	
Other (specify)			

The cause was failure to consider allowable nozzle loads imposed by the vendor for the Reactor Building Cooling Coils in their piping analysis.

9. Analysis of Occurrence:

A representative sample of remaining heat exchangers in the service water system was examined to ensure code compliance and proper treatment of nozzle loads.

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10. Corrective Action:

A reanalysis, which properly considered the nozzle loads, indicated that remedial action will be required to prevent overstressing the cooler nozzles. The additional piping supports required will be installed during the current refueling period.

11. Failure Data:

No similar occurrences.