

PRIORITY ATTENTION REQUIRED MORNING REPORT - REGION I 1/28/92

Licensee/Facility: Northeast Nuclear Energy Co. Millstone Unit 1  
Docket No. 50-245  
Notification: 1/27/92 RI PC  
Subject: Inadequate Diesel Generator Intake Air Cooling

P21 92053  
Publicly Available

REPORTABLE EVENT NUMBER: 22678

DISCUSSION: The licensee determined that a design deficiency identified by Arkansas Power Company with Fairbanks Morse emergency diesel generator air cooling heat exchangers is applicable to Millstone Unit 1. Interconnecting piping between the jacket water and air intake coolant system creates an additional heat load to the inlet air cooling heat exchanger that was not previously considered. The deficiency affects the ability of the diesel to carry accident electrical loads at service water temperatures greater than 60xF to the engine. The deficiency was initially reported under 10 CFR Part 21 by Coltec Industries on September 16, 1991, and applies to Fairbanks Morse Model 38TD-1/8 opposed piston engines with a keep-warm system common to the air cooler and jacket water systems. Unit 1 has been in a cold shutdown condition since September 30, 1991, with startup projected for early February 1992. Design changes to address the deficiency are under evaluation.

REGIONAL ACTION: Evaluate licensee actions.

Contact: Gene Kelly P. Habighorst  
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To: SPLB/MCCRACKEN

REFERS TO PT21 # 91-094 ASSIGNED TO SPLB.  
(MALCOLM WIDMANN)

Date closed 11/5/91  
with a note for Nancy Campbell

#91-094 WAS CLOSED ALONG WITH #91-088, INDICATING THAT THE PROBLEM APPEARED TO APPLY ONLY TO ANO-2. UNDER THE CIRCUMSTANCES, THIS WARRANTS ANOTHER LOOK.

NANCY CAMPBELL