

Nebraska Public Power District

COOPER NUCLEAR STATION
P.O. BOX 98, BROWNVILLE, NEBRASKA 68321
TELEPHONE (402) 825-3811

CNSS800455

July 22, 1980

Mr. Karl V. Seyfrit, Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region IV
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

Dear Sir:

This report is submitted in accordance with Section 5.4.2.b of the Environmental Technical Specifications for Cooper Nuclear Station. It discusses an environmental event that occurred on July 14, 1980 and was discussed with Mr. G. Madsen on July 14, 1980.

Report No.: 50-298-80-23
Report Date: July 22, 1980
Occurrence Date: July 14, 1980
Facility: Cooper Nuclear Station
Brownville, Nebraska 68321

At approximately 4:00 P.M. on July 14, 1980, the condenser cooling water discharge temperature exceeded the 103°F limit prescribed in Environmental Technical Specification 2.1.2. Due to the extremely hot weather, a need for emergency power existed and in accordance with the Environmental Technical Specifications, the limit was exceeded for about 12 hours. At the time of the occurrence, the District's oil burning peaking units were already generating emergency power. The condition was terminated as the river temperature decreased below 85°F. The maximum temperature reached was 104°F.

The event was caused by two factors. The river temperature was one degree in excess of the normal maximum of 85°F as described in the Environmental Technical Specifications. The circulating water system must now remove more heat from the condenser since the removal of twelve rows of low pressure turbine blades during the Spring 1980 Outage.

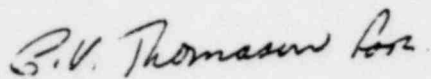
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This event presented no adverse consequences to the public from the standpoint of public health and safety. The NRC is in the process of reviewing the District's Technical Specification Change Request of July 16, 1980 which requests deletion of this Technical Specification. The Nebraska Department of Environmental Control was also informed of this event.

Sincerely,

A handwritten signature in cursive script, appearing to read "L. C. Lessor".

L. C. Lessor
Station Superintendent
Cooper Nuclear Station

LCL:PJB:cg