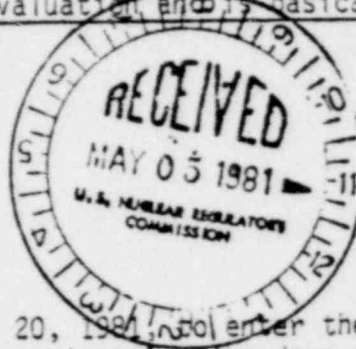


April 28, 1981

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-81-11

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff on this date.

FACILITY: Nebraska Public Power District
Cooper Nuclear Station
Brownville, Nebraska
Docket No. 50-298



SUBJECT: FAILED TURBINE BLADES

Cooper Nuclear Station was shutdown on April 20, 1981, to enter their current refueling outage. The plant was shutdown approximately five days early due to vibrations experienced in the number one low pressure turbine. During preliminary inspection of the top half of the rotor for the number one low pressure turbine, the licensee has found three blades missing, the shroud missing from one group of six blades, and nine blades reported to have broken roots. This is the same turbine rotor which was given a temporary fix in March of 1980.

The licensee has not established a schedule for repair of the turbine rotor.

Region IV (Arlington, Texas) was notified on April 27, 1981, by the onsite inspector of the status of the inspection findings to date. Region IV does not plan to make a press release. The licensee did not make a press release, although information appears to have reached the local press.

Cooper Nuclear Station is a Boiling Water Reactor (BWR).

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PRELIMINARY NOTIFICATION

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