



**Consumers
Power
Company**

David J VandeWalle
Nuclear Licensing Administrator

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August 4, 1982

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James G Keppler, Administrator
Region III
US Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

DOCKET 50-255 - LICENSE DPR-20 -
PALISADEST PLANT - DEGRADED
METEOROLOGICAL DATA TRANSMISSION
CAPABILITY

This letter is being sent in response to a request for information from Mr Axelson of your staff concerning the degraded data transmission capability of the meteorological instrumentation at the Palisades Plant as a result of a lightning strike. This event did not affect any other plant system or result in a degradation of the Emergency Plan at the Palisades Plant site. This letter is being sent for information purposes only since we have determined, after reviewing the Palisades Plant Technical Specifications and the applicable Federal Regulations, that this occurrence was not a reportable event.

On Saturday, July 17, 1982, at approximately 0300 hrs, lightning struck the meteorological tower at the Palisades Plant site. The lightning strike destroyed the analog-to-digital (A/D) converter used to convert weather data transmitted to the control room and the Technical Support Center (TSC). The A/D converter was repaired by the vendor and placed back in service at 1900 hrs on July 29, 1982. During the outage, weather information was obtained from Weather Service International (WSI), the primary meteorological data backup system. Had the need arisen, weather information was also available from the FAA weather station at Benton Harbor, Michigan. Furthermore,

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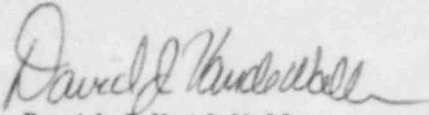
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James G Keppler, Administrator
Palisades Plant
Meteorological Data
August 4, 1982

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while a direct readout of meteorological data in the control room was unavailable, analog data continued to be recorded at the site meteorological station while the A/D converter was out of service and could have been made available to plant operators if it was found to be necessary.



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CC Director, Office of Nuclear Reactor Regulation
Director, Office of Inspection and Enforcement
NRC Resident Inspector-Big Rock Point