



**Consumers
Power
Company**

General Offices: 212 West Michigan Avenue, Jackson, MI 49201 • (517) 788-0550

COPY

September 29, 1982

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

DOCKET 50-255 - LICENSE DPR-20 -
PALISADES PLANT -- RESPONSE TO IE INSPECTION REPORT 82-07 - ADDITIONAL INFORMATION

Consumers Power Company letter dated May 11, 1982 responded to an item of noncompliance identified in IE Inspection Report 82-07, by stating that a program would be developed to require periodic single-point checks of hydrometers used in surveillances required by Technical Specifications. The NRC was informed that the program was scheduled to be in place prior to the next use of hydrometers for performance of Technical Specification surveillance testing.

Consumers Power Company was not able to procure a (National Bureau of Standards) NBS-traceable hydrometer prior to the next performance of station battery surveillance. Accordingly, the hydrometers used were segregated following the surveillance. The NBS-traceable hydrometer was subsequently received and the hydrometers used for the surveillances were satisfactorily compared to it. The results of this calibration are attached for reference.

Brian D Johnson (Signed)

Brian D Johnson
Staff Licensing Engineer

CC Director, Office of Nuclear Reactor Regulation
Director, Office of Inspection and Enforcement
NRC Resident Inspector - Palisades

Attachment - 1 Page

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CONSUMERS
POWER
COMPANY

SYSTEM PROTECTION AND
LABORATORY SERVICES DEPARTMENT

Laboratory Services
Chemical Department

PROC NO CHEM-53
PAGE 1 OF 1
REVISION 0
DATE 09/07/82

ATTACHMENT D

HYDROMETER CALIBRATION REPORT

Source: Palisades Nuclear Plant
Date Received: August 16, 1982
Date Issued: August 31, 1982
NBS Hydrometers: Palisades No 12-1746 and 12-1764, using NBS Standards 53647R, 53644R, NBS Report No 67-12965

Standard Solutions: Prepared with Certified ACS Potassium carbonate, hydrate crystals. K_2CO_3 , 1-1/2 H_2O , FW 165.24, Lot No 713014, Req 1003-5140CQ and deionized water (reagent grade).

Temperature: 60°F ± 0.5°F, Thermometer No 3744-10555, Cal Date 2-22-82, Cal Due Date 2-22-83

	<u>NBS Hydrometer Readings</u>	<u>Hydrometer Readings</u>
Point 1	1.2078	1.2079
Point 2	1.2199	1.2199
Point 3	1.2319	1.2319

Reference Procedure CHEM-53

Hydrometer Identification: Pal 679