



Consumers
Power
Company

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February 12, 1982

Dennis M Crutchfield, Chief
Operating Reactors Branch No 5
Nuclear Reactor Regulation
US Nuclear Regulatory Commission
Washington, DC 20555



DOCKET 50-255 - LICENSE DPR-20 -
PALISADES PLANT - ENVIRONMENTAL QUALIFICATION OF SAFETY-RELATED
ELECTRICAL EQUIPMENT - ADDITIONAL INFORMATION

NRC letter dated January 15, 1982 requested Consumers Power Company to provide copies of references from our Environmental Qualification submittal to Franklin Research with a copy of the cover letter to the Operating Reactors Branch.

A list of the requested references is attached for information purposes. Copies of these references are sent to Franklin Research as an attachment to this cover letter. The NRC copy contains only the cover letter and reference list as requested in the January 15, 1982 NRC letter.

Brian D Johnson
Senior Licensing Engineer

CC Administrator, Region III, USNRC
NRC Resident Inspector - Palisades

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REQUEST FOR ADDITIONAL INFORMATION
EQUIPMENT ENVIRONMENTAL QUALIFICATION

PALISADES PLANT

DOCKET NO. 50-255

In reference to the Licensee's 90-day response (4) to the NRC SER (6), a legible single copy of each of the following qualification documents is requested in order that the FRC evaluation may proceed:

CORRECTIONS ON INFORMATION SUPPLIED

a. Test Report - Qualification of Firewall
 III, Class 1E, Electric Cable, Rockbestos
 Co., 9-9-80

7-7-77

b. General Electric Product Data, Vulkene
 Industrial Control Cable, Sept. 15, 1961

3-29-71

c. Paper by N. D. Kenney, T. N. Metropoulos,
 and W. L. Seamonds, "Electrical
 Characteristics of Butyl Insulation at
 125°C," Second Symposium on Butyl Rubber
 for Wire and Cable Insulations, presented
 at AIEE Fall General Meeting, October 20,
 1961, SI38, published June 1962, pages
 3-19

Pages 3 - 9

d. Paper by J. C. Carroll and J. R. Maher,
 "Continued Evaluation of Butyl Rubber
 Insulated Cable," Second Symposium on
 Butyl Rubber for Wire and Cable
 Insulations, presented at AIEE Fall
 General Meeting, October 20, 1961, SI38,
 published June 1962, pages 10-13

e. Certified Test Report, Anaconda Wire and
 Cable Co., dated 3/30/73 and 5/10/73
 (routine tests)

f. Letter dated Oct. 23, 1980, by Louis
 Allis to Bechtel

g. Letter dated July 22, 1981 from J. M.
 Allen (Mobil) to K. A. Toner (CPC)

h. CPC Memo RMM-81-05 dated January 30, 1981
 from Marusich to R. W. Sinderman

i. Letter Toner 40-81 dated June 26, 1981
 from K. A. Toner (CPC) to R. Lundholm
 (Louis-Allis)

j. Letter dated July 15, 1981 from R.
 Lundholm (Louis-Allis) to K. A. Toner
 (CPC)

- k. Prototype Test Report on Firewall III Rockbestos Cable for Special Moisture Absorption Test
- l. Certified Test Report, Firewall III by the Rockbestos Company, dated 3/12/74 (routine tests)
- m. Isomedix Inc. Report, March 11, 1976
- n. Isomedix Inc. Report, May 1976
- o. Letter, D. E. Huling (GE) to K. A. Toner (CPC) dated 4-1-81
- p. Letter, A. T. Beltram (GE) to C. A. St. Onge (Bechtel), Oct. 30, 1980
- q. Letter, BEV-WH, C. A. St. Onge (Bechtel) to J. F. Clift (Westinghouse), dated 1/24/80 9-24-80
- r. Consumers Power Company Electrical Connector Potting Procedure No. SPS-E-2 dated May 23, 1978
- s. Final Report on Consulting Services for Engineering Support on E/P-1057 and E/P-1059, Nuclear Qualification Report, Wyle Laboratories
- t. Letter from E. T. Miller (GE) to L. D. McCloskey (CPC), dated Oct. 31, 1978
- u. Preliminary Data Transmittal from CPC 17435, Pkg #27
- v. Final Report No. 17435, dated Oct. 14, 1980, on Consulting Services for Engineering Support on LPSI Pump, Nuclear Environmental Qualification Report, Wyle Labs. with attached report by U.S. Naval Research Laboratory on Functional Evaluation of Motorette Insulation Systems
- w. ASCO letter with attached interoffice correspondence, W. M. Brown to M. R. Wade, dated Sept. 16, 1980
- x. Letter IOC from Reuter Stokes dated Aug. 14, 1980 8-15-80
- y. ASCO Report 112

References:

CORRECTIONS

1. D. P. Hoffman
Letter to D. M. Crutchfield, NRC. Subject: Palisades Plant,
Response to Environmental Qualification of Electrical Equipment
Consumers Power Company, 7-Oct-80 10-Oct-80
2. D. P. Hoffman
Letter to D. M. Crutchfield, NRC. Subject: Palisades Plant -
Revision 2 to October 7, 1980 Submittal on Environmental
Qualification to Electrical Equipment
Consumers Power Company, 11-Jun-81
3. D. P. Hoffman
Letter to D. M. Crutchfield, NRC. Subject: Palisades Plant,
Response to Environmental Qualification of Safety-Related Equipment
Consumers Power Company 23-Feb-81
4. D. P. Hoffman
Letter to D. M. Crutchfield, NRC. Subject: Palisades Plant -
Environmental Qualification of Safety-Related Electrical Equipment -
Response to Safety Evaluation Report Consumers Powers Company,
03-Sep-81
oc0881-0006a142
5. Office of Nuclear Reactor Regulation
Safety Evaluation Report for Palisades Nuclear Power Station
Environmental Qualification of Safety-Related
Electrical Equipment
NRC, 28-May-81 1-June-81