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May 27, 1983

Director  
Office of Nuclear Reactor Regulation  
US Nuclear Regulatory Commission  
Washington, D.C. 20555

Prairie Island Nuclear Generating Plant  
Docket No. 50-282 License No. DPR-42  
Docket No. 50-306 License No. DPR-60

Safety Evaluation for Environmental  
Qualification of Safety-Related Electrical  
Equipment; Thirty-Day Response

The following is submitted in response to a letter dated April 25, 1983 from Robert A. Clark (NRC) to D.M. Musolf (NSP) transmitting the Safety Evaluation for the Environmental Qualification of Safety-Related Electrical Equipment for Prairie Island Nuclear Generating Plant, Unit No's 1 and 2.

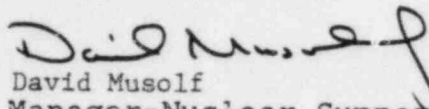
We have reviewed the justification for continued operation previously submitted for equipment items in Category I.B, II.A, and IV and reaffirm that the Prairie Island Nuclear Generating Plant, Unit 1 and 2 can continue to operate safely while the environmental qualification deficiencies for these items are being resolved. For equipment where a justification for continued operation was not provided in our previous submittals, we have reviewed the deficiencies identified in the Franklin Technical Evaluation Report and have concluded the plant can continue to operate safely.

All equipment items placed in Category I.B, with the exception of items 38, 42, 50, 51, 60 and 61 have been modified or replaced with qualified equipment. A schedule for qualification of the remaining items in Category I.B was transmitted in our May 19, 1983 response to the Final Rule. Category II.A and IV deficiencies will be addressed by clarifying previous documentation

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provided to Franklin and identifying subsequent work which has been performed. A supplemental response to 10 CFR 50.49 will be provided if qualification deficiencies are identified.

Please contact us if you have any questions relating to this response.



David Musolf  
Manager-Nuclear Support Services

cc: Regional Administrator - III, NRC  
NRR Project Manager, NRC  
Resident Inspector, NRC  
C Charnoff