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September 5, 1984

Director  
Office of Nuclear Reactor Regulation  
U S Nuclear Regulatory Commission  
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT  
Docket Nos. 50-282 License Nos. DPR-42  
50-306 DPR-60

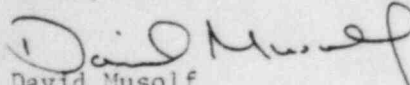
Supplement No. 1 to  
Description of Modifications for Automatic  
Actuation of Scram Breaker Shunt Trip Attachment

In our letter dated July 6, 1984 we provided for NRC review a description of the shunt trip actuation design proposed for implementation at the Prairie Island Nuclear Generating Plant. This design has undergone further review and a design improvement has been identified. The purpose of this letter is to describe this improvement.

A switch will be installed on the relay protection racks in series with the white monitor light, shown in the sketches included in Attachment I to our July 6, 1984 submittal. The control room indication of trip circuit readiness depends on the fact that the current through the control board red indicating light goes through the shunt coil and breaker "a" contact. As originally proposed, the new white monitor light at the reactor protection rack is in parallel with the "a" contact, and could cause a false readiness indication. With the proposed switch in series with the white monitor light, test procedures will allow it to be connected into the breaker circuit only during testing.

No change in the discussion of licensing issues is required due to the change, except that the new monitor light isolation switch should be included in the section 5.1.4 discussion of equipment qualification. The discussion in this section is applicable to the new switch. The component type anticipated for this switch is a Westinghouse Type OT2 snap action switch.

Please contact us if you have question related to the information we have provided.

  
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Manager - Nuclear Support Services

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