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

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License No. DPR-42
50-30J DPR-60



Use of TOPROD Fuel in Unit 1 Cycle 7

- References:
- (a) 6/9/79 letter from G F Owsley (Exxon) to J R Miller (NRC) concerning XN-NF-79-56(P), Rev. 1, "Gadolinia Fuel Properties for LWR Fuel Safety Evaluation".
 - (b) 12/1/80 letter from G F Owsley (Exxon) to J R Miller (NRC) concerning XN-NF-75-27(P), Supplement 3, "Exxon Nuclear Neutronics Design Methods for Pressurized Water Reactors," November 1980 and XN-NF-80-56(P), "Generic Mechanical, Thermal Hydraulic and Neutronic Design for Exxon Nuclear TOPROD Reload Fuel Assemblies for Pressurized Water Reactors," November 1980.

In September 1981 we are planning to reload Prairie Island Unit 1 with 40 TOPROD assemblies designed by Exxon Nuclear Co. (ENC). ENC has submitted in the referenced letters three topical reports concerning the TOPROD fuel: XN-NF-79-56(P), XN-NF-75-27(P), and XN-NF-80-56(P). We request that you reference these three topical reports on Docket Numbers 282 and 306.

At this time, we find no unreviewed safety questions with the use of TOPROD fuel. We plan to reload and resume operation for Unit 1 Cycle 7 under the provisions of 10 CFR 50.59.

L. O. Mayer

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LOM/TMP/bd

cc: J G Keppler
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NRC Resident Inspector

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