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SUBJECT: Lists types of projects being evaluated during Megawatt Improvement Program. Program implemented to increase output capacity of facility by implementing cost-effective projects.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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February 12, 1991
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PDR ADOCK 05000397
PDR

Docket No. 50-397

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Subject: NUCLEAR PLANT NO. 2, OPERATING LICENSE NPF-21
REACTOR POWER UPRATE

Reference: NEDC-31897, "Generic Guidelines for GE Boiling
Water Reactor Power Uprate", dated December, 1990

The Supply System and Bonneville Power Administration (BPA) have recently implemented a Megawatt Improvement Program (MWIP) at WNP-2. The MWIP is consistent with the conservation and resource acquisition measures established by the BPA 1990 Resource Program, dated July 1990.

The main purpose of the MWIP program is to increase the output capacity of WNP-2 by implementing cost effective projects. The types of projects being evaluated have been included in one of the four categories described below:

- 1) Recovered or lost thermal power in the turbine cycle,
- 2) Reduce the station electrical ("house") loads,
- 3) Improve the plant capacity factor or
- 4) Increase the capacity of WNP-2.

The reactor power uprate of the WNP-2 reactor is a project under evaluation and is the subject of this correspondence.

Add: D. SCALETT

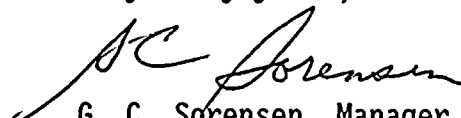
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The referenced General Electric licensing topical was the subject of a recent meeting with the NRC held on January 3, 1991. It is our understanding from the meeting that the NRC is undertaking a generic BWR Power Uprate review effort. This effort is to establish an initial agreement on methodology, scope and regulatory requirements before plant specific license amendment requests, which are currently expected to begin in September of 1991 and continue into 1992 and 1993. There are now eight BWR owner utilities either fully committed or strongly considering submitting applications for power uprate. It is also our understanding that the NRC has requested licensees interested in increasing the reactor thermal power to notify the NRC of that interest. This will enable the Staff to confirm the need for licensing support and plan accordingly.

The basic purpose of this correspondence is to inform the NRC of the Supply System and BPA interest in uprating the WNP-2 reactor in accordance with the referenced document. The Supply System has contracted with General Electric to perform a feasibility study to identify the potential for improvement in the thermal and electrical capacity of WNP-2. A tentative schedule for the WNP-2 uprate effort is attached for information. Please contact us should you have any comments or questions regarding the uprate effort or the MWIP. Your contact should be either Daniel W. Porter at (509) 372-5541 or Michael R. Wuestefeld at (509) 372-5490.

Very truly yours,

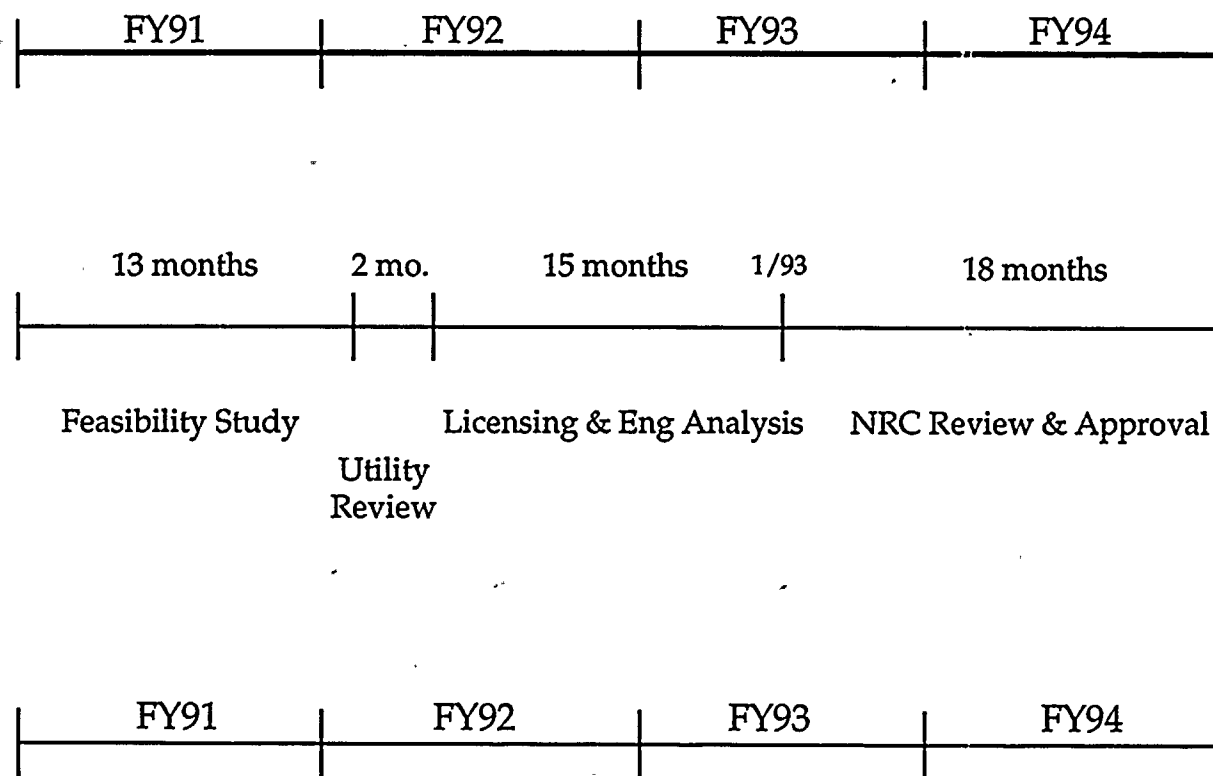


G. C. Sorensen, Manager
Regulatory Programs

MRW/bk
Attachment

cc: JB Martin - NRC RV
NS Reynolds - Winston & Strawn
PL Eng - NRC
DL Williams - BPA/399
NRC Site Inspector - 901A

Tentative Reactor Uprate Implementation Schedule



Note : Fiscal Year from 7/1 to 6/30