

**Nuclear**

**GPU Nuclear Corporation**  
Post Office Box 388  
Route 9 South  
Forked River, New Jersey 08731-0388  
609 971-4000  
Writer's Direct Dial Number:

April 5, 1990

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

Gentlemen:

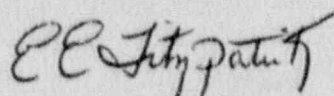
Subject: Oyster Creek Nuclear Generating Station (OCNGS)  
Docket No. 50-219  
Post-Accident Neutron Flux Monitoring  
(Regulatory Guide 1.97)

Your letter dated February 26, 1990, requested that we respond indicating our intent to comply with Regulatory Guide (R.G.) 1.97 and 10CFR50.49 requirements with respect to neutron flux monitoring instrumentation and that we advise the staff of the schedule for implementation.

GPUN has performed a technical and cost evaluation of neutron monitoring systems. We concluded that it is not feasible to install the ex-core neutron monitoring system offered by GAMMA-METRICS due to physical space constraints inside the biological shield wall at the OCNGS. GPUN is currently considering installation of the General Electric (GE) wide range neutron monitoring system (WRNMS) to improve operational and maintenance capabilities associated with the existing Intermediate Range Monitors and Source Range Monitors. This system, if installed, is expected to satisfy the requirements of R.G. 1.97 and 10CFR50.49. However, it is our understanding that the GE Licensing Topical Report (NEDO 31439) on WRNMS is still under review by the NRC Staff.

Considering the magnitude of the project in terms of cost, engineering, and installation; an approval of the GE Topical Report is essential prior to a final GPUN project commitment. Therefore, we will provide our final decision and schedule for implementation following our review of an NRC safety evaluation on the GE Licensing Topical Report.

Very truly yours,



E. E. Fitzpatrick  
Vice President & Director  
Oyster Creek

9004190266 900405  
PDR ADOCK 05000219  
P PIC

C320593

A003  
1/0

cc: Administrator  
Region I  
U. S. Nuclear regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

NRC Resident Inspector  
Oyster Creek Nuclear Generating Station  
Forked River, NJ 08731

Mr. Alex Dromerick, Jr.  
U. S. Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, DC 20555