



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

February 2, 1979

Docket No. 50-83

Dr. Nils J. Diaz
Reactor Supervisor
Department of Nuclear Engineering Services
College of Engineering
University of Florida
202 Nuclear Sciences Center
Gainesville, Florida 32611

Dear Dr. Diaz:

Our letter of October 12, 1978, advised that your physical security plan (PSP) had been reviewed and is acceptable. It is further requested that you consolidate the PSP into a single document for inclusion in the renewed license. As discussed with you we are also now planning to include your PSP as a license condition, pursuant to 10 CFR 50.54. The following is an example of such a license condition as it will appear in an amendment to be issued in the near future:

"The licensee shall maintain in effect and fully implement all provisions of the NRC Staff-approved physical security plan, including amendments and changes made pursuant to the authority of 10 CFR 2.790, collectively titled, "State University of New York Security Plan," as follows:

Original, submitted with letter dated May 31, 1973
Revision 1, submitted with letter dated November 26, 1973".

As you are aware, the Department of Energy and State Department have instituted a program to implement the Nonproliferation Act of March 10, 1978, by reducing the enrichment of fuels in nonpower reactors. Concomitant to this, the proposed Regulation § 73.47 is designed to implement the US/IAEA Agreement when approved by the Senate. Both of these actions are keyed to the enrichment of fuel and other SNM. Therefore, your license, which authorizes certain maximum possession limits of SNM (U235, Pu, U233), should be changed to reflect not only the total amount of SNM, but the percent enrichment of each; the amount of SNM exempt and how exempt (i.e., 10 CFR 73.6 (b)); and the amount of SNM nonexempt. This will establish the basis for the level of protection

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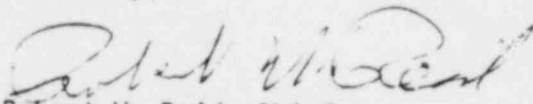
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of your PSP. You are requested to review the foregoing with respect to your facility and include your proposed SNM requirements in your application.

Please do not hesitate to contact Steve Ramos (301-492-7435) regarding these matters.

Sincerely,



Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors