



NAVAL NUCLEAR POWER UNIT
P.O. BOX 96
FORT BELVOIR, VIRGINIA - 22060

R. H. Odegaarden

IN REPLY REFER TO:
NNPU/JGA:mg
3934.20
Ser 250

29 MAR 1973

Mr. Charles E. MacDonald
U. S. Atomic Energy Commission
Office of Regulation
Washington, D. C. 20545

Dear Mr. MacDonald:

This is in reply to your letter of March 19, 1973, in which you stated the necessity for additional supporting information on the thermal conductivity of the model URIPS-8 radioisotopic power generator module. It is understood that Mr. R. A. Robinson of the Oak Ridge National Laboratory (ORNL) has talked to Mr. Richard Odegaarden in your branch regarding this requirement, and has agreed to forward to you a sketch of the module, material, dimensions and mathematical approach used by ORNL in order to justify use of the thermal conductivity for the pure bismuth telluride rather than for the entire module.

For your records, please note that Commander C. E. Fegley III has been reassigned and is no longer with the Naval Nuclear Power Unit. If there is any further information that you may require, please do not hesitate to contact me.

Sincerely,

G. E. KRAUTER
Commander, CEC, USN
Officer in Charge

Copy to:
Mr. R. A. Robinson, ORNL

