

# AGN

# AEROJET-GENERAL NUCLEONICS

P. O. BOX 77, SAN RAMON, CALIFORNIA, 94583 • AREA CODE 415 • 837-5311

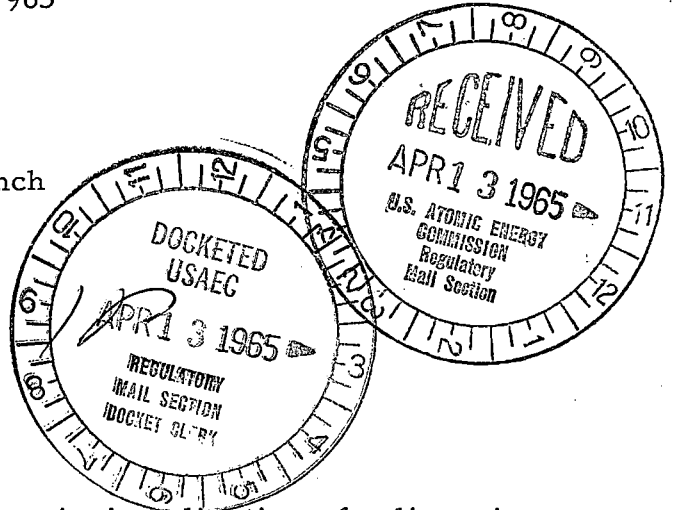
April 9, 1965

Mr. Roger S. Boyd, Chief  
Research & Power Reactor Safety Branch  
Division of Reactor Licensing  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

Subject: AEC Docket No. 50-228

*File Copy*

Dear Mr. Boyd:



In furtherance of Aerojet-General Nucleonics' applications for licensing of the AGN Industrial Reactor (AGNIR), enclosed you will find 22 copies of the following documents:

*See reports file.*

- 1) AN-1405, AGNIR Technical Specifications (suggested)
- 2) AN-1406, AGNIR Critical Experiments and Power Calibration
- 3) AN-1407, AGNIR Operating Procedures

The enclosed Technical Specifications reflect certain changes made in the calculated nominal values of engineering data previously submitted. Reasonable tolerances have been established on the nominal values with specific maximums set which are not to be exceeded.

In addition, a recalculation by General Atomic, the fuel element supplier, indicates that the number of fuel elements originally estimated for criticality was in error and our critical experiment procedures reflect this increase. As a result, it is requested that the Special Nuclear Material limitation in the license be increased from 2.6 kg to 3.3 kg of U-235 to provide for future flexibility of reactor operation.

Further, a change has occurred in the list of officers and directors provided in AGN's letter to the AEC, H. L. Price, dated 14 September 1964.

**ACKNOWLEDGED**



Mr. Roger S. Boyd

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April 9, 1965

Dr. A. L. Antonio, a U. S. Citizen, of [redacted]  
[redacted] [redacted], has been elected Vice President - Director following the resignations of J. N. Ebright and R. Gordon.

A collect call to either Messrs. R. L. Newacheck (Ext. 317) or R. L. Tomlinson (Ext. 755) would be appreciated if any further information is required. It is anticipated that the reactor will be ready for Commission inspection approximately two weeks after formal issuance of the Construction Permit.

Very truly yours,

AEROJET-GENERAL NUCLEONICS

H. W. Davis  
Vice President and  
Assistant Secretary

Enclosures as stated

cc R. H. Engelken, AEC-SAN (w/encl)  
J. M. Meyer, AGN-Wash (w/encl)

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State of California             )  
  ) ss  
County of Contra Costa    )

On this 9<sup>th</sup> day of April, of the year 1965, before me, a Notary Public, personally appeared H. W. DAVIS, known to me to be the person who executed the within instrument on behalf of the corporation named therein, made oath before me to the allegations set forth therein, and acknowledged to me that such corporation executed the same.

(SEAL)

Notary Public  
HERMAN ALTON WARREN, Notary Public  
In and for the County of Contra Costa, State of California  
My Commission Expires June 3, 1965  
Aerojet-General Nucleonics, San Ramon, Calif-