

UNITED NUCLEAR  
CORPORATION

September 25, 1965

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In Reply Refer to: NLS-351

Mr. Donald A. Nussbaumer, Chief  
Source & Special Nuclear Materials Branch  
Division of Materials Licensing  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

Reference: (1) DML:RLL 70-371, dated August 24, 1965  
(2) REK:NLS-196, dated June 21, 1965  
(3) NLS-305, dated August 19, 1965

Dear Mr. Nussbaumer:

As clarification of our plans for Administrative Controls and Procedures submitted earlier (reference 2), the following information is presented:

1. The Health Physics and Safety Supervisor physically located at the Chemicals Plant in Hematite, Missouri has primary responsibility for day to day surveillance for safety activities in this location. Information concerning his qualifications, training and experience have previously been forwarded to the Commission (Reference 3). The Supervisor has authority to stop an operation or technique should he find it not in accordance with established and approved methods or if he should feel that a hazard exists for some other reason. He does perform a preliminary review of all requests for new designs or procedures as well as modifications to these. Final approval rests with this office including the preparation of a request for license amendment.
2. Independent verification of nuclear safety parameters is required as a part of the internal procedures of the Nuclear Licensing and Safety Department. The responsibility for assuring that such verification is performed rests with the Department head.
3. Although the responsibility to follow the approved nuclear safety and health physics requirements rests with the operating group every individual is responsible for safety to the same extent that he is responsible for the other aspects of his job, it is a requirement of United Nuclear Corporation that all new designs, procedures and materials, and modifications of these be approved formally by the Nuclear Licensing and Safety Department prior to operations. In some instances at the time nuclear safety specifications are issued, specific formal approval may be required for individual operations.

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4. So that changes in personnel do not require licensing action, a review is being made of the minimum qualifications for each position and this information will be forwarded at an early date.
5. The training program for employees in nuclear safety and plant procedures consists of a series of basic training lectures on criticality control, health physics, industrial safety, and emergency procedures. These are given by or at the direction of specialist in the Nuclear Licensing and Safety Department. An assessment in the form of written tests is made of each employee. Operating supervision instructs the employee in the specific procedures including safety requirements required for working with SS materials. At the present time a refresher training program is in progress primarily for supervision, material handlers, and accountability personnel. This consists of one hour instruction in each of the following subjects: Criticality Control, Health Physics and Safety. It is planned that this will be continued to include all employees.

Very truly yours,

*D. F. Cronin*

DFC/tc

D. F. Cronin  
Director of Licensing