

OPERATOR REQUALIFICATION PROGRAM
FOR THE UNIVERSITY OF VIRGINIA REACTOR FACILITY

A. General

1. This requalification program applies to licensed individuals of both the University of Virginia Research Reactor (UVAR) and the low power training reactor (CAVALIER), located at the Reactor Facility of the University of Virginia.
2. The operations manager of the reactor facility shall be responsible for administering the re-qualification program.

B. Program

1. Each licensed individual will be required to complete all check lists and perform a start-up of the reactor at least once every three months and at least 10 times during the period of his license. All individuals who are licensed for both the UVAR and the CAVALIER will be required to complete at least five start-ups on each facility during the period of his license. If a licensed individual fails to perform these functions for a period of four months or longer he will be removed from licensing activities and be required to take either a written or oral examination similar in scope to the A.E.C. exam and an operating test under the direction of a qualified Senior Operator before being reinstated as a qualified licensed operator. A grade of 70% or greater will be considered passing. The results of these exams shall be documented.

2. Each licensed individual will be required to attend a series of lectures at least once each year. The lectures will cover various aspects of the reactor operation including theory and principles of operation, plant operating characteristics, plant instrumentation and control systems, plant protection systems, safety systems, normal, abnormal and emergency operating procedures, radiation control and safety, and technical specifications.

Once a year a written exam will be given to each licensed individual to determine his continuing knowledge of the facilities operations. If the results of these exams disclose deficiencies in certain areas, additional lectures may be given to cover the subject in more detail. A grade of 70% or better will be considered passing. The individual administering and grading these exams will be exempt from taking the exam.

3. Standard operating procedures and abnormal emergency procedures will be reviewed annually with licensed individuals as part of a lecture series.

All licensed individuals will be informed of system changes or procedural changes by a memo issued by the operations manager. An up-to-date copy of the standard operating procedures will be kept in the control room of each reactor at all times.

4. A personal file shall be kept on each licensed individual. The file shall contain records on check-lists and start-ups performed by the individual, his attendance at lectures and the content and results of written exams.

The operations manager will make periodic independent evaluations of each individual by observing the completion of check lists and start-ups and control manipulations by each operator. Comments on these observations will be noted in the individual's file. If an operator is found to be deficient in some area of operation this will be documented and the appropriate action taken to correct the deficiency will be noted.

DEPARTMENT OF NUCLEAR ENGINEERING
SCHOOL OF ENGINEERING AND APPLIED SCIENCE
UNIVERSITY OF VIRGINIA
Phone: 924-7136

December 21, 1978

MEMORANDUM

TO: Reactor Safety Committee

FROM: T. L. Porter

SUBJECT: Requalification Program for Reactor Operators and Senior Operators

The attached procedures are submitted for your approval to formalize the requalification program for the operators and senior operators who operate the UVAR and CAVALIER reactors.

These procedures specify the program submitted by J. P. Farrar to the A.E.C. June 20, 1974.

Records of the requalification program will be maintained and will be available for your inspection.

cc: J. P. Farrar
B. L. Shriver
Senior Operators



T. L. Porter