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Hello Dennis,

03031476

Of the two names that were desired to be added to the license #45-04869-02:

John Thompson has not handled radioactive isotopes but has received from me instructions about the various materials that VMI has in the nuclear laboratory. Over the next year he will accompany me as I go through the various steps in the maintenance of our materials license, such as leak testing, inventory etc.

George Brooke IV did handle radioactive isotopes in a course that he took at VMI in nuclear physics under the supervision of the radiation safety officer at the time, Philip B. Peters. The isotopes were:

Pu 239/Be, five 1 Ci sources (16 grams each) in a paraffin neutron howitzer used to irradiated foils of indium for half-life determination.

Gamma "button" sources such as Co-60 (1 μ Ci), Cs-137 (10 μ Ci) for examining gamma ray spectra.

Beta "button" sources such as Na-22 for the study of positron-electron annihilation studies, Sr-90 (0.01 μ Ci), and Fe-55 (13.1 μ Ci).

If George Brooke, IV, can be given limited authorization for the radioactive materials, then we would like to keep Gregory Topasna on the license.

Bruce *Bruce R. Boller*

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NMSS/RGN1 MATERIALS-002