



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

OCT 31 1979

MEMORANDUM FOR: R. E. Johnson, TAP A-11 Manager
Engineering Branch
Division of Operating Reactors

FROM: C. Z. Serpan, Jr., Chief
Metallurgy & Materials Research Branch
Division of Reactor Safety Research

SUBJECT: TAP A-11

At the TAP A-11 meeting on September 21, 1979, I and the dosimetry surveillance contractors of the M&MR Branch agreed to prepare answers to several questions which are related to the current state-of-the-art in surveillance dosimetry, for use as a statement of application of dosimetry in the TAP A-11 document due by the end of CY 1979. An advance copy of the paper written to answer those questions is already in your hands. Enclosed is the final version of that paper. The paper has been sent to Europe for inclusion in the proceedings of the 3rd ASTM-EURATOM Symposium on Neutron Dosimetry.

We will be prepared to discuss this paper and the conclusions during the week of November 5 because all of the appropriate contractors will be in town for the WRSR Information Meeting. Formal presentations will be made on Tuesday morning, November 6 at NBS, Gaithersburg, Maryland. Furthermore, a three-day program review and planning session will also take place at NBS, Gaithersburg, Maryland on Tuesday through Thursday, at a location in NBS different from the Information Meeting. I strongly urge you or the appropriate staff to attend any or all of these meetings so that questions can be asked and answered by the proper staff members.

We recognize that all of the backup you might desire for the conclusions of this paper is not enclosed. We are working to assemble what we believe to be the necessary documentation. When this is complete, we plan to issue a RIL on the material contained in this paper. We currently hope that this documentation and RIL can be completed in the first few months of CY 1980.

C. Z. Serpan, Jr., Chief
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Enclosure: ASTM-EURATOM Paper

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