

MEMO TO EDO

September 20, 2000

MEMORANDUM TO: William D. Travers,
Executive Director for Operations

FROM: William F. Kane, Director
Office of Nuclear Material Safety and Safeguards

SUBJECT: DIRECT FINAL RULE TO AMEND AND REVISE 10 CFR PARTS
34, 36, AND 39 TO APPROVE THE USE OF NEW PERSONNEL
DOSIMETRY DEVICES

Attached for your signature is a direct final rule, along with the companion proposed rule (Attachment 1), amending 10 CFR Parts 34, 36, and 39 to allow licensees to use any type of dosimeter under the National Voluntary Laboratory Accreditation Program (NVLAP), operated by the National Institute of Standards and Technology.

Background: The purpose of this action is to amend those U.S. Nuclear Regulatory Commission regulations that apply to licensees who use personnel dosimeters that require processing. Although there is no specification in 10 CFR Part 20, Subpart F - "Surveys and Monitoring", § 20.1501, "General", on the types of NVLAP-accredited dosimeters that are acceptable, other parts of the NRC regulations, namely Part 34, "Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations"; Part 36, "Licenses and Radiation Safety Requirements for Irradiators"; and Part 39, "Licenses and Radiation Safety Requirements for Well Logging," require the use of either a film badge or a thermoluminescent dosimeter (TLD). At the time the requirements for Parts 34, 36, and 39 were adopted, film badges and TLDs were the only available dosimeters requiring processing. Modern developments in personnel dosimetry have produced other dosimeters, such as the Optically Stimulated Luminescent Dosimeter, that require processing. This rule is intended to remove specific requirements and to allow the use of any dosimeter that requires processing, provided that it is processed by an organization accredited by NVLAP.

Notices: The appropriate Congressional committees will be notified. A notice to the Commission that the Executive Director of Operations has signed the appended Federal Register notice is attached for inclusion in the "Daily Staff Notes" and the "Weekly Report to the Commission" (Attachments 2 and 3). The "Approved for Publication" notice (Attachment 4) and the "Submission of Federal Rules Under the Congressional Review Act" forms (Attachment 5) are also included.

Resources: No additional resources will be needed to implement this rule.

CONTACT: Betty Ann Torres, NMSS/IMNS
301-415-0191

W Travers

Coordination: The Offices of Administration and Enforcement concur with these amendments. The Office of the General Counsel has no legal objection. The Office of the Chief Financial Officer has reviewed the direct final rule for resource implications and has no objections. The Office of the Chief Information Officer has reviewed the direct final rule for information technology and information management implications and concurs in it. The Office of Nuclear Reactor Regulation has reviewed the direct final rule and concurs in it. The Office of State and Tribal Programs has offered supportive comments for Agreement State compatibility.

ATTACHMENTS:

1. Federal Register Notices (proposed and direct final rule)
2. "Daily Staff Notes"
3. "Weekly Report to the Commission"
4. "Approved for Publication"
5. SBREFA forms

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