

Individual Monitoring Devices
10 CFR Parts 34, 36, and 39
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Change to NRC Section	Title	State Section	Compat. Category	Summary of Change to CFR	Difference Yes/No	Significant Yes/No	If Difference, Why or Why Not Was a Comment Generated
§ 34.47	Personnel monitoring	Part 5, Section 5.20 (Draft A).	C	In § 34.47: a. In paragraph (a) introductory text remove the phrase “that is processed and evaluated by an accredited National Voluntary Laboratory Accreditation Program (NVLAP) processor”; b. Revise paragraph (a)(3); c. Remove paragraph (a)(4);			

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				<p>and</p> <p>d. Revise paragraphs (d) and (f).</p> <p>to read as follows:</p> <p>(a) * * *</p> <p>(3) Film badges must be replaced at least monthly and all other personnel dosimeters that require replacement must be replaced at least quarterly. All personnel dosimeters must be evaluated at least quarterly or promptly after replacement, whichever is more frequent.</p> <p>* * * * *</p> <p>(d) If an individual's pocket chamber is found to be off-scale,</p>			

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				<p>or if his or her electronic personal dosimeter reads greater than 2 millisieverts (200 millirems), and the possibility of radiation exposure cannot be ruled out as the cause, the individual's personnel dosimeter that requires processing must be sent for processing and evaluation within 24 hours. For personnel dosimeters that do not require processing, evaluation of the dosimeter must be started within 24 hours. In addition, the individual may not resume work associated with licensed material use until a determination of the individual's radiation dose has</p>			

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				<p>been made. This determination must be made by the RSO or the RSO's designee. The results of this determination must be included in the records maintained in accordance with § 34.83.</p> <p style="text-align: center;">* * * *</p> <p>(f) Dosimetry results must be retained in accordance with § 34.83.</p> <p style="text-align: center;">* * * *</p>			
§ 34.83	Records of personnel monitoring	Part 5, Section 5.20 (Draft A).	C	<p>In § 34.83(c):</p> <p>Remove the phrase “received from the accredited NVLAP processor”.</p>			

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§ 36.55	Personnel monitoring	<p>Language revised in CO Part 19 Draft B (Dec 2020), Section 19.20.</p> <p>Reviewed by NRC January 5, 2021. Final rule pending in 2021.</p>	H&S	<p>In § 36.55, revise paragraph (a) to read as follows:</p> <p>(a) Irradiator operators shall wear a personnel dosimeter while operating a panoramic irradiator or while in the area around the pool of an underwater irradiator. The personnel dosimeter must be capable of detecting high energy photons in the normal and accident dose ranges. Each personnel dosimeter must be assigned to and worn by only one individual. Film badges must be replaced at least</p>			

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				<p>monthly and all other personnel dosimeters that require replacement must be replaced at least quarterly. All personnel dosimeters must be evaluated at least quarterly or promptly after replacement, whichever is more frequent.</p> <p>* * * * *</p>			
§ 39.65	Personnel monitoring devices	<p>Language revised in CO Part 16 Draft B (Dec 2020), Section 16.7.1.</p> <p>Reviewed by NRC January 5,</p>	C	<p>In § 39.65, revise paragraph (a) to read as follows:</p> <p>(a) The licensee may not permit an individual to act as a logging supervisor or logging assistant unless that person wears a personnel dosimeter at all times</p>			

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		2021. Final rule pending in 2021.		<p>during the handling of licensed radioactive materials. Each personnel dosimeter must be assigned to and worn by only one individual. Film badges must be replaced at least monthly and all other personnel dosimeters that require replacement must be replaced at least quarterly. All personnel dosimeters must be evaluated at least quarterly or promptly after replacement, whichever is more frequent.</p> <p>* * * *</p>			