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Environmental Regulatory Guide for Radiological Effluent Monitoring and Environmental Surveillance

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PREFACE

Effluent monitoring and environmental surveillance of radioactive materials are a continuing major part of the radiological protection programs at U.S. Department of Energy (DOE) sites. The purpose of this regulatory guide is to establish elements of a radiological effluent monitoring and environmental surveillance program considered acceptable to DOE, in support of DOE 5400.5 (Radiation Protection of the Public and the Environment) and DOE 5400.1 (General Environmental Protection Program).

The regulatory guide identifies those monitoring and surveillance elements that are considered high priorities for a radiological effluent monitoring and environmental surveillance program. In the regulatory guide, these high-priority elements are written as procedures and activities that "*should**" be performed, and what is intended as guidance is written as procedures and activities that "*should*" be performed. The regulatory guide both incorporates and expands on requirements embodied in DOE 5400.5 and DOE 5400.1.

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