

Effluents and Solid Waste,” was issued with a temporary identification as Draft Regulatory Guide, DG–1186. This guide describes a method that the staff of the NRC considers acceptable for use in measuring, evaluating, and reporting plant-related radioactivity (excluding background radiation) in effluents and solid radioactive waste shipments. The regulatory guide also provides guidance on determining and reporting the public dose from nuclear power plant operations.

This guide incorporates the risk-informed principles of the Reactor Oversight Process. A risk-informed, performance-based approach to regulatory decision-making combines the “risk-informed” and “performance-based” elements discussed in the staff requirements memorandum on SECY–98–144, “White Paper on Risk-Informed and Performance-Based Regulation,” dated March 1, 1999.

## II. Further Information

In November 2008, DG–1186 was issued for public comment. The public comment period closed on January 30, 2009. The staff’s responses to the public comments received are located in the NRC’s Agencywide Documents Access and Management System under Accession Number ML091170117. Electronic copies of RG 1.21, Rev. 2 are available through the NRC’s public Web site under “Regulatory Guides” at <http://www.nrc.gov/reading-rm/doc-collections/>.

In addition, regulatory guides are available for inspection at the NRC’s Public Document Room (PDR) located at 11555 Rockville Pike, Rockville, Maryland. The PDR’s mailing address is USNRC PDR, Washington, DC 20555–0001. The PDR can also be reached by telephone at (301) 415–4737 or (800) 397–4205, by fax at (301) 415–3548, and by e-mail to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov).

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Dated at Rockville, MD, this 10th day of June 2009.

For the Nuclear Regulatory Commission.

**R.A. Jervey,**

*Acting Chief, Regulatory Guide Development Branch, Division of Engineering, Office of Nuclear Regulatory Research.*

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## NUCLEAR REGULATORY COMMISSION

[NRC–2008–0096]

### Notice of Issuance of Regulatory Guide

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Notice of Issuance and Availability of Regulatory Guide 4.1, Revision 2.

#### FOR FURTHER INFORMATION CONTACT:

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#### SUPPLEMENTARY INFORMATION:

##### I. Introduction

The U.S. Nuclear Regulatory Commission (NRC) is issuing a revision to an existing guide in the agency’s “Regulatory Guide” series. This series was developed to describe and make available to the public information such as methods that are acceptable to the NRC staff for implementing specific parts of the agency’s regulations, techniques that the staff uses in evaluating specific problems or postulated accidents, and data that the staff needs in its review of applications for permits and licenses.

Revision 2 of Regulatory Guide 4.1, “Radiological Environmental Monitoring for Nuclear Power Plants,” was issued with a temporary identification as Draft Regulatory Guide, DG–4013. This guide describes a method that the staff of the NRC considers acceptable for use in establishing and conducting an environmental monitoring program at nuclear power plants. The guide describes programs for preoperational and operational environmental monitoring.

##### II. Further Information

In November 2008, DG–4013 was published with a public comment period of 60 days from the issuance of the guide. The public comment period closed on January 30, 2009. The staff’s responses to the comments received are located in the NRC’s Agencywide Documents Access and Management System under accession number ML091310156. Electronic copies of Regulatory Guide 4.1, Revision 2 are available through the NRC’s public Web site under “Regulatory Guides” at <http://www.nrc.gov/reading-rm/doc-collections/>.

In addition, regulatory guides are available for inspection at the NRC’s Public Document Room (PDR) located at

Room O–1F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852–2738. The PDR’s mailing address is USNRC PDR, Washington, DC 20555–0001. The PDR can also be reached by telephone at (301) 415–4737 or (800) 397–4209, by fax at (301) 415–3548, and by e-mail to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov).

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Dated at Rockville, MD, this 12th day of June 2009.

For the Nuclear Regulatory Commission.

**Richard A. Jervey,**

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## NUCLEAR REGULATORY COMMISSION

[Docket No. 50–156; EA–09–141; NRC–2009–0245]

### In the Matter of University of Wisconsin (University of Wisconsin Nuclear Reactor); Order Modifying Facility Operating License No. R–74

#### I

University of Wisconsin (the licensee) is the holder of Amended Facility Operating License No. R–74 (the license) originally issued on February 4, 1974, by the U.S. Atomic Energy Commission. The license authorizes operation of the University of Wisconsin Nuclear Reactor (the facility) at a power level up to 1,000 kilowatts thermal and in the pulse mode, with reactivity insertions not to exceed 1.4%Δk/k, and to receive, possess, and use special nuclear material associated with facility operation. The facility is a research reactor located on the campus of the University of Wisconsin, in the city of Madison, Dane County, Wisconsin. The mailing address is Nuclear Reactor Laboratory, University of Wisconsin—Madison, 1513 University Avenue, Room 1215 ME, Madison, WI 53706–1687.

#### II

Title 10 of the Code of Federal Regulations (10 CFR) Section 50.64, “Limitations on the Use of Highly Enriched Uranium (HEU) in Domestic Nonpower Reactors,” limits the use of high-enriched uranium (HEU) fuel in domestic non-power reactors (research and test reactors). The regulation, which became effective on March 27, 1986 (Volume 51 of the **Federal Register**,