

balancing of the factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

Further details with respect to this action, see the application for amendment dated September 19, 2001, which is available for public inspection at the Commission's Public Document Room, located at One White Flint North, 11555 Rockville Pike (first floor), Rockville, Maryland. Publicly available records will be accessible from the Agencywide Documents Access and Management Systems (ADAMS) Public Electronic Reading Room on the Internet at the NRC Web site, <http://www.nrc.gov/NRC/ADAMS/index.html>. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS, should contact the NRC Public Document Room Reference staff by telephone at 1-800-397-4209, 301-415-4737 or by e-mail to [pdr@nrc.gov](mailto:pdr@nrc.gov).

Dated at Rockville, Maryland, this 13th day of December 2001.

For the Nuclear Regulatory Commission.

**Helen N. Pastis,**

*Senior Project Manager, Section 1, Project Directorate I, Division of Licensing Project Management, Office of Nuclear Reactor Regulation.*

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## **NUCLEAR REGULATORY COMMISSION**

**[Docket No. 03000001]**

### **Mallinckrodt, Inc.; Notice of Consideration of Request for Temporary Exemption**

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Notice of consideration of request for temporary exemption.

**SUMMARY:** The Nuclear Regulatory Commission (Commission) is considering the issuance of a temporary exemption from the requirement to perform an emergency preparedness (EP) exercise every 2 years for Mallinckrodt, Inc. The request for temporary exemption is necessary because the licensee had to postpone the required scheduled EP exercise due to the terrorist attacks on the United States, lack of availability of State and local agencies, and the current heightened alert status of the plant. Mallinckrodt expects to conduct the EP exercise by July 30, 2002. The NRC has prepared an environmental assessment with a finding of no significant impact on the request.

**FOR FURTHER INFORMATION CONTACT:** Kevin G. Null, Senior Health Physicist,

Nuclear Materials Licensing Branch, Division of Nuclear Materials Safety, U.S. Nuclear Regulatory Commission, Region III, Lisle, Illinois. Telephone: (630) 829-9854, e-mail [kgn@nrc.gov](mailto:kgn@nrc.gov).

**SUPPLEMENTARY INFORMATION:** The Commission is considering the issuance of a temporary exemption from the requirement to perform an emergency preparedness exercise every 2 years, pursuant to 10 CFR part 30, for Mallinckrodt, Inc., located in Maryland Heights, Missouri. The facility is authorized to use byproduct material for research and development, manufacturing, processing, and packaging of radiopharmaceuticals and/or radiochemicals.

Mallinckrodt was scheduled to conduct an EP exercise on September 11, 2001. This exercise was postponed because of the terrorist attacks on the United States that occurred on September 11. Because of the ongoing high alert status of the plant and the need to coordinate with several offsite agencies and groups, the exercise will not be performed this calendar year. Mallinckrodt expects to conduct the exercise no later than July 30, 2002.

The last EP exercise conducted at the Mallinckrodt facility was held on September 9, 1999. Mallinckrodt's Emergency Plan, in accordance with 10 CFR 30.32(i)(3)(xii), requires that plant personnel plan and conduct biennial EP exercises. Because the next exercise will not be conducted during calendar year 2001, the licensee has requested a temporary exemption from the requirement to conduct biennial EP exercises. The NRC staff has prepared an environmental assessment of the proposed action and reached a finding of no significant impact.

### **Environmental Assessment**

#### *Identification of the Proposed Action*

The proposed action would grant temporary relief from the requirement pursuant to 10 CFR 30.32(i)(3)(xii) to perform a biennial EP exercise during calendar year 2001. The proposed action would allow Mallinckrodt to conduct their 2001 biennial exercise as late as July 30, 2002. The proposed action is in accordance with Mallinckrodt's request for exemption dated November 26, 2001.

#### *Need for the Proposed Action*

Due to the heightened state of security alert that the plant is under and the unavailability of State and local agencies to participate, Mallinckrodt has determined that it would not be prudent to hold the 2001 biennial EP exercise during calendar year 2001. Allowing the

delay would avoid overlap with the current state of high alert and allow fuller participation by other agencies and groups.

### *Environmental Impacts of the Proposed Action*

The proposed action would not materially affect the emergency response capabilities of the Mallinckrodt facility. The last exercise was conducted on September 9, 1999. Direct observation of the exercise by NRC inspectors noted deficiencies that did not require immediate corrective action. On November 17, 1999, Mallinckrodt identified an inadvertent release of xenon-133, declared an alert and implemented their Emergency Plan (EP). NRC conducted a special inspection to review the circumstances of the event and the effectiveness of Mallinckrodt's implementation of their EP. With the exception of 1 violation that was identified, NRC review of real time activation of the EP indicated that Mallinckrodt has addressed the issues identified during the September 9, 1999 exercise. In addition, NRC license reviews and inspections conducted since November 17, 1999, have not identified a decline in the effectiveness of Mallinckrodt's emergency response capability. The postponement should have no impact on the effectiveness of Mallinckrodt's emergency response capability. The proposed action will not increase the probability or consequences of accidents; no changes are being made in the amounts or types of any effluents that could be released offsite, and there is no increase in individual or cumulative radiation exposure. Accordingly, the Commission concludes that there are no significant radiological impacts associated with the proposed action.

With regard to potential nonradiological impacts, the proposed action does not affect nonradiological plant effluents and has no other environmental impact. Accordingly, the Commission concludes that there are no significant nonradiological impacts associated with the proposed action.

### *Alternatives to the Proposed Action*

Since the Commission has concluded that there is no discernible environmental impact associated with the proposed action, any alternatives with equal or lesser impact need not be evaluated. As an alternative to the proposed action, the staff considered denial of the proposed action. Denial of the proposed action would result in no change in environmental impacts but would result in hardship to Mallinckrodt, and perhaps other

participants. The environmental impacts of the proposed action and the alternative action are similar.

#### *Alternative Use of Resources*

The proposed action does not involve the use of any resources beyond those already necessary to conduct the EP exercise during 2001, and would merely delay the exercise.

#### *Agencies and Persons Consulted*

In accordance with its stated policy, the NRC staff consulted with the following officials regarding the environmental impact of the proposed action: William Brandes, Chair, Local Emergency Planning Committee, St. Louis, Missouri; Nick Granani, Deputy Director, Office of Emergency Management, Chesterfield, Missouri; Keith Henke, State Emergency Management Agency, Jefferson City, Missouri; Charles Hooper, Missouri Department of Health, Jefferson City, Missouri; and Tom Lange, Sr. Planner, Office of the Director, Missouri Department of Natural Resources. No objections were received.

#### *Finding of No Significant Impact*

Based on the environmental assessment, the Commission concludes that the proposed action will not have a significant affect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed action.

#### *List of Preparers*

This document was prepared by Kevin G. Null, Senior Health Physicist, Nuclear Materials Licensing Branch, Division of Nuclear Materials Safety, U.S. Nuclear Regulatory Commission, Region III, Lisle, Illinois. Mr. Null is the Licensing Project Manager for the Nuclear Materials License issued to Mallinckrodt, Inc.

For further details with respect to the proposed action, see the Mallinckrodt letter dated November 26, 2001, available for public inspection at the Commission's Public Document Room at One White Flint North, 11555 Rockville Pike, Rockville, MD, and accessible electronically through the ADAMS Public Electronic Reading Room link at the NRC Web Site (<http://www.nrc.gov>).

Dated at Rockville, Maryland this 13th day of December, 2001.

For the Nuclear Regulatory Commission.

**John W. Hickey,**

*Chief, Materials Safety and Inspection Branch, Division of Industrial and Medical Nuclear Safety, Office of Nuclear Material Safety and Safeguards.*

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## **NUCLEAR REGULATORY COMMISSION**

**[Docket Nos. 50-237 and 50-249]**

### **Exelon Generation Company, LLC, Dresden Nuclear Power Station, Units 2 and 3; Environmental Assessment and Finding of No Significant Impact Related to a Proposed License Amendment to Increase the Maximum Thermal Power Level**

The U. S. Nuclear Regulatory Commission (NRC) is considering issuance of an amendment to Facility Operating Licenses Nos. DPR-19 and DPR-25, issued to Exelon for the operation of the Dresden Nuclear Power Station, Units 2 and 3 (DNPS), located on the Illinois River in Grundy County, Illinois. Therefore, as required by 10 CFR 51.21, the NRC is issuing this environmental assessment and finding of no significant impact.

#### **Environmental Assessment**

##### *Identification of the Proposed Action*

The proposed action would allow Exelon, the operator of DNPS, to increase its electrical generating capacity at DNPS by raising the maximum reactor core power level from 2527 MWt to 2957 MWt. This change is approximately 17 percent above the current licensed maximum power level for DNPS. The change is considered an extended power uprate (EPU) because it would raise the reactor core power level more than 7 percent above the original licensed maximum power level. DNPS has not submitted a previous power uprate application. A power uprate increases the heat output of the reactor to support increased turbine inlet steam flow requirements and increases the heat dissipated by the condenser to support increased turbine exhaust steam flow requirements.

The proposed action is in accordance with the licensee's application for amendments dated December 27, 2000, and supplemental information dated February 12, April 6 and 13, May 3, 18, and 29, June 5, 7, and 15, July 6 and 23, August 7, 8, 9, 13 (two letters), 14 (two letters), 29, and 31 (two letters), September 5 (two letters), 14, 19, 25, 26, and 27 (two letters), November 2, 16,

and 30, and December 10, 2001. The original amendment request was submitted by Commonwealth Edison Company (ComEd), the former licensee. ComEd subsequently transferred the licenses to Exelon Generation Company, LLC (Exelon, the licensee). By letter dated February 7, 2001, Exelon informed the NRC that it assumed responsibility for all pending NRC actions that were requested by ComEd.

##### *The Need for the Proposed Action*

Exelon evaluated its resource needs for the period 2000-2014 and forecast a 28-percent increase in electrical demand by 2014 within its Illinois service area. The proposed EPU would provide approximately 0.66 percent additional generating capacity per unit at DNPS. Exelon stated that in order to stay competitive, it must be able to fulfill not only customer power demands, but it also must sell power to other providers. In Illinois, approximately 40 gas turbine plants of various sizes are proposed to be built. The proposed additional generating capacity at DNPS would eliminate the need to build approximately two 100-MWe gas turbines.

##### *Environmental Impacts of the Proposed Action*

At the time of the issuance of the operating licenses for DNPS, the NRC staff noted that any activity authorized by the licenses would be encompassed by the overall action evaluated in the Final Environmental Statement (FES) for the operation of DNPS, which was issued in November 1973. The original operating licenses for DNPS allowed a maximum reactor power level of 2527 MWt. On December 27, 2000, Exelon submitted a supplement to its Environmental Report supporting the proposed EPU and provided a summary of its conclusions concerning the environmental impacts of the EPU at DNPS. Based on the staff's independent analyses and the evaluation performed by the licensee, the staff concludes that the environmental impacts of the EPU are bounded by the environmental impacts previously evaluated in the FES, because the EPU would involve no extensive changes to plant systems that directly or indirectly interface with the environment. Additionally, no changes to any State permit limits would be necessary. This environmental assessment first discusses the non-radiological and then the radiological environmental impacts of the proposed EPU at DNPS.