

NUCLEAR REGULATORY COMMISSION
DOCKET NO. 030-03829
February 15, 2005

Environmental Assessment Related to an Amendment
of U.S. Nuclear Regulatory Commission Materials License No. 06-11703-02,
Issued to P&G-Clairol, Inc. (formerly Clairol, Incorporated)

The U.S. Nuclear Regulatory Commission (NRC) is considering terminating Materials License Number 06-11703-02 and authorizing the release of the licensee's facilities in Stamford, Connecticut, for unrestricted use and has prepared an Environmental Assessment (EA) in support of this action.

SUMMARY: The NRC reviewed the results of the decommissioning of the P&G-Clairol, Inc.'s facility in Stamford, Connecticut. P&G-Clairol, Inc. was initially issued an NRC License in 1969 to use radioactive materials for research and development purposes. The license was amended to include the Stamford, Connecticut facility on June 10, 1971. License activities continued at this site until August 4, 2003. In 2003, P&G-Clairol, Inc. ceased operations with licensed materials at the 2 Blachley Road, Stamford, Connecticut site, and in their letter dated July 6, 2004, P&G-Clairol requested that NRC terminate the license. P&G-Clairol, Inc. has conducted surveys of the facility and determined that the facility meets the license termination criteria in Subpart E of 10 CFR Part 20. The NRC staff has evaluated P&G-Clairol, Inc. request and the results of the surveys, and has developed an EA in accordance with the requirements of 10 CFR Part 51. The NRC has determined that a Finding of No Significant Impact (FONSI) is appropriate for the proposed action.

Introduction

P&G-Clairol, Inc. requested release for unrestricted use of the building at 2 Blachley Road, Stamford, Connecticut as authorized by the NRC License No. 06-11703-02 and termination of the license. The building is 119,545 square feet of general office and laboratory space located in an industrial campus.

License No. 06-11703-02 was issued in 1969 and amended periodically since that time. NRC-licensed activities performed at the Stamford, Connecticut site began in 1971 and were limited to laboratory procedures typically performed on bench tops and in hoods, using hydrogen-3 (tritium) and carbon-14. Barium-133 sealed source was used in a liquid scintillation counter. Nickel-63 foil and plated sources were used for gas chromatography. Even though the license allowed for the use of sulfur-35, the licensee never used sulfur-35. No outdoor areas were affected by the use of licensed materials.

Licensed activities ceased completely in August 2003 and the licensee requested release of the facility for unrestricted use and termination of the license in their letter dated July 6, 2004. Based on the licensee's historical knowledge of the site and the conditions of the facility, the licensee determined that only routine decontamination activities, in accordance with licensee radiation safety procedures, were required. A decommissioning plan was not required to be submitted to the NRC. The licensee surveyed the facility, decontaminated or remediated areas as needed, and provided documentation that the facility meets the license termination criteria

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specified in Subpart E of 10 CFR Part 20, and does not require additional decommissioning activities to be performed. The licensee demonstrated this using the screening criteria described in 65 FR 37186. The licensee subsequently requested that the facility be released for unrestricted use and that the license be terminated.

The Proposed Action

The proposed action is to terminate Materials License No. 06-11703-02 and release the facility at 2 Blachley Road, Stamford, Connecticut for unrestricted use. By letter dated July 6, 2004, P&G-Clairol, Inc. stated that no further actions are required to remediate the facility and provided survey results which demonstrate that the Stamford facility is in compliance with the radiological criteria for license termination in Subpart E, 10 CFR Part 20, "Radiological Criteria for License Termination."

Purpose and Need for the Proposed Action

The purpose of the proposed action is to amend NRC Materials License No. 06-11703-02, to allow for the release of 2 Blachley Road, Stamford, Connecticut for unrestricted use and terminate the license. The licensee needs this license change because it no longer plans to conduct licensed activities at this facility. NRC is fulfilling its responsibilities under the Atomic Energy Act to make a timely decision on a proposed license amendment for release of facilities for unrestricted use and termination of a license that ensures protection of public health and safety and the environment. The licensee has requested the action to reduce their regulatory burden since they no longer intend to conduct licensed activities at this location.

Environmental Impacts of the Proposed Action

The affected environment was described in the Introduction. The licensee has completed all remediation at the site. The NRC staff has reviewed the surveys performed by P&G-Clairol, Inc. to demonstrate compliance with the 10 CFR 20.1402 license termination criteria. Based on its review, the staff has determined that the affected environment and environmental impacts associated with the release for unrestricted use of the P&G-Clairol, Inc. facilities are bounded by the impacts evaluated by the "Generic Environmental Impact Statement in Support of Rulemaking on Radiological Criteria for License Termination of NRC-Licensed Nuclear Facilities" (NUREG-1496). The staff also finds that the proposed release for unrestricted use of the P&G-Clairol, Inc. facilities is in compliance with Title 10, Code of Federal Regulations, Part 20.1402, "Radiological Criteria for Unrestricted Use." The NRC has found no other activities in the area that could result in cumulative impacts.

Environmental Impacts of the Alternatives to the Proposed Action

Since the facility at the P&G-Clairol, Inc. site has already been surveyed and found acceptable for release for unrestricted use, the only alternative to the proposed action of termination of the license and release of the Stamford site for unrestricted use is no action. The no-action alternative is not acceptable because the licensee does not plan to perform any activities with

licensed materials at these locations and does not plan to maintain staff to perform licensed activities. Maintaining the areas under a license would impose an unnecessary regulatory burden. The effect of the no-action alternative would be to restrict potential benefits from future uses of the site.

Agencies and Persons Consulted

The NRC staff has determined that the proposed action will not affect listed species or critical habitat. Therefore, no further consultation is required under Section 7 of the Endangered Species Act. Likewise, the NRC staff have determined that the proposed action is not the type of activity that has the potential to cause effects on historic properties. Therefore, no further consultation is required under Section 106 of the National Historic Preservation Act.

NRC provided a draft of its Environmental Assessment to the State of Connecticut for review. On February 10, 2005, the State of Connecticut responded by electronic mail and agreed with the conclusions of the EA.

Conclusions

Based on its review, the NRC staff has concluded that the completed action complies with 10 CFR Part 20. The NRC staff have prepared this EA in support of the proposed action to terminate License No. 06-11703-02. On the basis of the EA, NRC has concluded that there are no significant environmental impacts and the license amendment does not warrant the preparation of an Environmental Impact Statement. Accordingly, it has been determined that a Finding of No Significant Impact is appropriate.

List of Preparers

Kathy Dolce Modes, Health Physicist, Division of Nuclear Materials Safety, Region I

List of References

1. NRC License No. 06-11703-02 inspection and licensing records.
2. "Report on the Final Radiological Status Survey - Radiological Laboratory 2S47" contained in the licensee's letter and application dated July 6, 2004 [ADAMS Accession No. ML042030040], additional information contained in letter dated October 7, 2004 [ADAMS Accession No. ML042920466], electronic mail dated October 8 and 10, 2004 (ML043000248), electronic mail regarding additional information being sent dated December 14, 2004 (ADAMS Accession No. ML043570057), and Addendum to the Report on the Final Radiological Status Survey dated November 22, 2004 (received on December 15, 2004) (ADAMS Accession No. ML043570467).
3. Federal Register Notice, Volume 65, No. 114, page 37186, dated Tuesday, June 13, 2000, "Use of Screening Values to Demonstrate Compliance With The Federal Rule on Radiological Criteria for License Termination."

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4. Title 10 Code of Federal Regulations, Part 20, Subpart E, "Radiological Criteria for License Termination."
5. Title 10, Code of Federal Regulations, Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions."
6. NUREG-1496, "Generic Environmental Impact Statement in Support of Rulemaking on Radiological Criteria for License Termination of NRC-Licensed Nuclear Facilities."

Please note that on October 25, 2004, the NRC suspended public access to ADAMS, and initiated an additional security review of publicly available documents to ensure that potentially sensitive information is removed from the ADAMS database accessible through the NRC's web site. Interested members of the public may obtain copies of the referenced documents for review and/or copying by contacting the NRC Public Document Room pending resumption of public access to ADAMS. The NRC Public Document Room is located at NRC Headquarters in Rockville, MD, and can be contacted at 800-397-4209 or 301-415-4737 or pdr@nrc.gov

Any questions with respect to this action should be referred to Kathy Dolce Modes, Materials Security & Industrial Branch, Division of Nuclear Materials Safety, Region I, 475 Allendale Road, King of Prussia, Pennsylvania 19406, telephone (610) 337-5251, fax (610) 337-5269.

Dated at King of Prussia, Pennsylvania this 15th day of February, 2005

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

James P. Dwyer, Chief
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Region I

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