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Dated at Rockville, Maryland, this 3rd day of September 2009.

For the Nuclear Regulatory Commission.

Andrea D. Valentin,

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

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NUCLEAR REGULATORY COMMISSION

[NRC-2009-0427; Docket No. 030-10491]

Notice of Availability of Environmental Assessment and Finding of No Significant Impact for License Amendment to Byproduct Materials License No. 29-16145-01, for Unrestricted Release of Robert Wood Johnson University Hospital at Hamilton's Clinical Pharmacology Unit Located at #3 Hamilton Health Place, Hamilton, NJ

AGENCY: Nuclear Regulatory
Commission.

ACTION: Issuance of Environmental
Assessment and Finding of No
Significant Impact for license
amendment.

FOR FURTHER INFORMATION CONTACT:

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SUPPLEMENTARY INFORMATION:

I. Introduction

The U.S. Nuclear Regulatory
Commission (NRC) is considering the
issuance of a license amendment to
byproduct materials License No. 29-
16145-01. This license is held by Robert
Wood Johnson University Hospital at

Hamilton (the Licensee), for one of its
facilities located at #3 Hamilton Health
Place (the Facility). Issuance of the
amendment would authorize release of
the Facility for unrestricted use. The
Licensee requested this action in a letter
dated December 10, 2008. The NRC has
prepared an Environmental Assessment
(EA) in support of this proposed action
in accordance with the requirements of
Title 10, *Code of Federal Regulations*
(CFR), Part 51 (10 CFR Part 51). Based
on the EA, the NRC has concluded that
a Finding of No Significant Impact
(FONSI) is appropriate with respect to
the proposed action. The amendment
will be issued to the Licensee following
the publication of this FONSI and EA in
the **Federal Register**.

II. Environmental Assessment

Identification of Proposed Action

The proposed action would approve
the Licensee's December 18, 2008,
license amendment request, resulting in
release of the Facility for unrestricted
use. License No. 29-16145-01 was
issued on September 19, 1974, to
Hamilton Hospital (now Robert Wood
Johnson University Hospital at
Hamilton) pursuant to 10 CFR Part 30,
and has been amended periodically
since that time. This license authorizes
the Licensee to use unsealed byproduct
materials for the purposes of medical
diagnosis and treatment of humans.

The building that houses the Facility
is a single story building located in a
mixed residential/commercial area. The
licensee occupied approximately 12,000
square feet of space in part of the
building, consisting of office space and
laboratories. Within the Facility, use of
licensed materials was confined to
Rooms 102, 103, 104, 126, 154, 180,
195C, 216, 217, 220, 221, and 242.

Routine licensed activities ceased in
2008 and the licensee initiated a survey
of the Facility. 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 the NRC-approved
operating radiation safety procedures,
would be required. The Licensee was
not required to submit a
decommissioning plan to the NRC
because worker cleanup activities and
procedures are consistent with those
approved for routine operations. The
Licensee conducted surveys of the
Facility and provided information to the
NRC to demonstrate that it meets the
criteria in Subpart E of 10 CFR Part 20
for unrestricted release and for license
termination.

Need for the Proposed Action

The Licensee has ceased conducting
licensed activities at the Facility, and
seeks the unrestricted use of its Facility.

Environmental Impacts of the Proposed Action

The historical review of licensed
activities conducted at the Facility
shows that such activities involved use
of the following radionuclide with a
half-life greater than 120 days in
unsealed form: Carbon-14. The Licensee
conducted a final status survey in April
2009. This survey covered all the areas
of use at the Facility. The final status
survey report was attached to the
Licensee's letter dated April 30, 2009.
The Licensee elected to demonstrate
compliance with the radiological
criteria for unrestricted release as
specified in 10 CFR 20.1402 by using
the screening approach described in
NUREG-1757, "Consolidated NMSS
Decommissioning Guidance," Volume
2. The Licensee used the radionuclide-
specific derived concentration guideline
levels (DCGLs), developed there by the
NRC, which comply with the dose
criterion in 10 CFR 20.1402. These
DCGLs define the maximum amount of
residual radioactivity on building
surfaces, equipment, and materials, and
in soils, that will satisfy the NRC
requirements in Subpart E of 10 CFR
Part 20 for unrestricted release. The
Licensee's final status survey results
were below these DCGLs and are in
compliance with the As Low As
Reasonably Achievable (ALARA)
requirement of 10 CFR 20.1402. The
NRC thus finds that the Licensee's final
status survey results are acceptable.

Based on its review the staff has
determined that the affected
environment and any environmental
impacts associated with the proposed
action 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) Volumes 1-3
(ML042310492, ML042320379, and
ML042330385). The staff finds there
were no significant environmental
impacts from the use of radioactive
material at the Facility. The NRC staff
reviewed the docket file records and the
final status survey report to identify any
non-radiological hazards that may have
impacted the environment surrounding
the Facility. No such hazards or impacts
to the environment were identified. The
NRC has identified no other radiological
or non-radiological activities in the area

that could result in cumulative environmental impacts.

The NRC staff finds that the proposed release of the Facility for unrestricted use is in compliance with 10 CFR 20.1402. Based on its review, the staff considered the impact of the residual radioactivity at the Facility and concluded that the proposed action will not have a significant effect on the quality of the human environment.

Environmental Impacts of the Alternatives to the Proposed Action

Due to the largely administrative nature of the proposed action, its environmental impacts are small. Therefore, the only alternative the staff considered is the no-action alternative, under which the staff would leave things as they are by simply denying the amendment request. This no-action alternative is not feasible because it conflicts with 10 CFR 30.36(d), requiring that decommissioning of byproduct material facilities be completed and approved by the NRC after licensed activities cease. The NRC's analysis of the Licensee's final status survey data confirmed that the Facility meets the requirements of 10 CFR 20.1402 for unrestricted release. Additionally, denying the amendment request would result in no change in current environmental impacts. The environmental impacts of the proposed action and the no-action alternative are therefore similar, and the no-action alternative is accordingly not further considered.

Conclusion

The NRC staff has concluded that the proposed action is consistent with the NRC's unrestricted release criteria specified in 10 CFR 20.1402. Because the proposed action will not significantly impact the quality of the human environment, the NRC staff concludes that the proposed action is the preferred alternative.

Agencies and Persons Consulted

NRC provided a draft of this Environmental Assessment to the State of New Jersey, Department of Environmental Protection, Bureau of Radiological Health for review on August 18, 2009. The State of New Jersey responded by e-mail on September 11, 2009. The State agreed with the conclusions of the EA and otherwise had no comments.

The NRC staff has determined that the proposed action is of a procedural nature, and will not affect listed species or critical habitat. Therefore, no further consultation is required under Section 7 of the Endangered Species Act. The

NRC staff has also 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.

III. Finding of No Significant Impact

The NRC staff has prepared this EA in support of the proposed action. On the basis of this EA, the NRC finds that there are no significant environmental impacts from the proposed action, and that preparation of an environmental impact statement is not warranted. Accordingly, the NRC has determined that a Finding of No Significant Impact is appropriate.

IV. Further Information

Documents related to this action, including the application for license amendment and supporting documentation, are available electronically at the NRC's Electronic Reading Room at <http://www.nrc.gov/reading-rm/adams.html>. From this site, you can access the NRC's Agencywide Documents Access and Management System (ADAMS), which provides text and image files of NRC's public documents. The documents related to this action are listed below, along with their ADAMS accession numbers.

1. Amendment request dated December 10, 2008 (ML083640174);
2. Additional information on amendment request dated April 30, 2009 (ML091240536);
3. Additional information on amendment request dated June 29, 2009 (ML091820556);
4. NUREG-1757, "Consolidated NMSS Decommissioning Guidance;" 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;" and
6. NUREG-1496, "Generic Environmental Impact Statement in Support of Rulemaking on Radiological Criteria for License Termination of NRC-Licensed Nuclear Facilities."

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reproduction contractor will copy documents for a fee.

Dated at Region I, 475 Allendale Road, King of Prussia, PA this 23rd day of September 2009.

For the Nuclear Regulatory Commission.

James P. Dwyer,

Chief, Commercial & R&D Branch, Division of Nuclear Materials Safety, Region I.

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NUCLEAR REGULATORY COMMISSION

[NRC-2009-0430; Docket No. 030-33542]

Notice of Availability of Environmental Assessment and Finding of No Significant Impact for License Amendment to Byproduct Materials License No. 29-30152-01, for Unrestricted Release of the Ligand Pharmaceuticals Facility in Cranbury, NJ

AGENCY: Nuclear Regulatory Commission.

ACTION: Issuance of environmental assessment and finding of no significant impact for license amendment.

FOR FURTHER INFORMATION CONTACT:

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SUPPLEMENTARY INFORMATION:

I. Introduction

The U.S. Nuclear Regulatory Commission (NRC) is considering the issuance of a license amendment to Byproduct Materials License No. 29-30152-01. This license is held by Ligand Pharmaceuticals (the Licensee), for its Ligand Pharmaceuticals facility (the Facility), located at 3000 Eastpark Boulevard in Cranbury, New Jersey. Issuance of the amendment would authorize release of the East Wing of the Facility for unrestricted use. The Licensee requested this action in a letter dated July 29, 2009. The NRC has prepared an Environmental Assessment (EA) in support of this proposed action in accordance with the requirements of Title 10, *Code of Federal Regulations* (CFR), Part 51 (10 CFR Part 51). Based on the EA, the NRC has concluded that a Finding of No Significant Impact (FONSI) is appropriate with respect to the proposed action. The amendment will be issued to the Licensee following