GEHitachiUELAPEm Resource

From: Ridge, Christianne
Sent: Wednesday, July 15, 2009 10:31 AM
To: Avci, Halil I.
Cc: Fischer, Karl W.
Subject: FW: SCH File # 09-E-0000-0336; General Electric-Hitachi Global Laser Enrichment
Attachments: Document.pdf

Please see the attached comments from the North Carolina State Clearinghouse.

From: State Clearinghouse [mailto:State.Clearinghouse@doa.nc.gov]
Sent: Wednesday, July 15, 2009 9:55 AM
To: Kock, Andrea; Ridge, Christianne
Cc: jvares@capefearcog.org
Subject: SCH File # 09-E-0000-0336; General Electric-Hitachi Global Laser Enrichment

The above referenced environmental impact information has been submitted to the State Clearinghouse under the provisions of the National Environmental Policy Act. Attached to this letter for your consideration are additional comments made by agencies after the review period ended.

If any further environmental review documents are prepared for this project, they should be forwarded to this office for intergovernmental review.

Valerie W. McMillan
Director, State Environmental Review Clearinghouse
Department of Administration
(919) 807-2324 Phone
(919) 733-9571 Fax
valerie.w.mcmillan@doa.nc.gov

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Hearing Identifier: GEHitachiUE_LicenseApplication_Public
Email Number: 238

Mail Envelope Properties (89515C5A6407354784A897CABE08E52D0889E08C3B)

Subject: FW: SCH File # 09-E-0000-0336; General Electric-Hitachi Global Laser Enrichment
Sent Date: 7/15/2009 10:30:45 AM
Received Date: 7/15/2009 10:30:00 AM
From: Ridge, Christianne

Created By: Christianne.Ridge@nrc.gov

Recipients:
"Fischer, Karl W." <kfischer@anl.gov>
Tracking Status: None
"Avci, Halil I." <avci@anl.gov>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	1151	7/15/2009 10:30:00 AM
Document.pdf	857891	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

North Carolina
Department of Administration

Beverly Eaves Perdue, Governor

Britt Cobb, Secretary

July 15, 2009

Ms. Andrea Kock
U.S. Nuclear Regulatory Commission
FSME/DWMEP/ERB
T-8F05
Washington, DC 20555-0001

Re: SCH File # 09-E-0000-0336; SCOPING; Proposal for General Electric-Hitachi Global Laser Enrichment to construction, operation, decommissioning a uranium facility

Dear Ms. Kock:

The above referenced environmental impact information has been submitted to the State Clearinghouse under the provisions of the National Environmental Policy Act. Attached to this letter for your consideration are **additional** comments made by agencies after the review period ended.

If any further environmental review documents are prepared for this project, they should be forwarded to this office for intergovernmental review.

Should you have any questions, please do not hesitate to call.

Sincerely,

Valerie McMillan

Valerie W. McMillan, Director
State Environmental Review Clearinghouse

Attachments

cc: Region O

Mailing Address:
1301 Mail Service Center
Raleigh, NC 27699-1301

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Location Address:
116 West Jones Street
Raleigh, North Carolina

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North Carolina Department of Environment and Natural Resources

Beverly Eaves Perdue, Governor

Dee Freeman, Secretary

MEMORANDUM

TO: Valerie McMillan
State Clearinghouse

FROM: Melba McGee
Environmental Projects Officer

SUBJECT: #09-0336 GE-Hitachi Global Laser Enrichment LLC, New Hanover County

DATE: July 14, 2009

The attached comments were received by this office after the response due date. These comments should be forwarded to the applicant and made a part of our previous comment package.

Thank you for the opportunity to respond.

Attachment

1601 Mail Service Center, Raleigh, North Carolina 27699-1601
Phone: 919-733-4984 \ FAX: 919-715-3060 \ Internet: www.enr.state.nc.us/ENR/

One North Carolina Naturally

MEMORANDUM

TO: Dexter Matthews, Director
Division of Waste Management

FROM: Dennis Shackelford, Central District Supervisor
Solid Waste Section

DATE: June 10, 2009

SUBJECT: Hitachi Global Laser Enrichment – New Hanover County

The Solid Waste Section has reviewed the Orange Hitachi Global Laser Enrichment – New Hanover County and has seen no adverse impact on the surrounding community and likewise knows of no situations in the community, which would affect the project.

Hitachi Global should make every feasible effort to minimize the generation of waste, to recycle materials for which viable markets exist, and to use recycled products and materials in the development of this project where suitable. Any waste generated by this project that cannot be beneficially reused or recycled must be disposed of at a solid waste management facility permitted by the Division. The nearest permitted facilities to the project are the New Hanover County MSW landfill (permit 65-04) and WASTEC incinerator (65-05I), however supporting documents note that their production waste will go to other uranium conversion facilities.

Questions regarding solid waste management should be directed to Mr. Wes Hare, Environmental Senior Specialist, Solid Waste Section, at (910)796-7405.

cc: Wes Hare

North Carolina Department of Environment and Natural Resources
Division of Waste Management

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

May 29, 2009

To: Dexter Matthews, Director
Division of Waste Management

From: Ted Cashion, Supervisor
Eastern Region Compliance Branch

RE: RCRA comments on the GE-Hitachi Global Laser Enrichment LLC (GLE) Environmental Report
Project # 09-0336

The Hazardous Waste Section has reviewed the subject project. GE-Hitachi Global Laser Enrichment LLC (GLE) proposes to construct and operate a facility that would use a laser-based technology to separate or enrich the naturally occurring isotopes of uranium. GLE proposes to locate the proposed GLE Facility on the existing General Electric Company (GE)/Global Nuclear Fuel-Americas property near Wilmington, NC. The proposed facility would occupy ~100 acres.

The report states a combination of environmental control systems, treatment processes, monitoring programs, and work practices to protect workers, public health, and the environment would be utilized. Any gaseous releases would be captured and routed through a multi stage air emission control system. Liquid radiological wastewater would be collected in a closed, dedicated drain system connected to a GLE liquid effluent treatment system. Sanitary wastewater, cooling tower process wastewater, and treated radwaste would be routed to the existing permitted wastewater treatment facilities. Solid wastes would be managed according to applicable regulations and good management practices, and would be shipped offsite for recycling, recovery, or disposal to a licensed facility.

The Divisions of Air Quality, Water Quality, and Radiation Protection should be consulted for comments and possible permitting implications on this project as well.

Solid waste appears to be the most likely waste to be generated in constructing this project. The facility is reminded that if construction, rebuilding, or demolition of structures occurs, the waste that is generated will most likely be a solid waste, and the facility must determine if the waste is a hazardous waste.

It appears that very little hazardous waste, if any, will be generated from this proposed facility. The facility is reminded that if the facility generates >220 pounds of hazardous waste in a calendar month, the Hazardous Waste Section (HWS) must be notified, and the facility must comply with the small quantity generator requirements. If the facility generates $\geq$ 2200 pounds of hazardous waste in a calendar month, the HWS must be notified, and the facility must comply with the large quantity generator requirements.

The Hazardous Waste Section has no objection to the draft plan.

Should any questions arise, please contact me at 919-508-8557.

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone: 919-508-8400 \ FAX: 919-715-4061 \ Internet: www.wastenotnc.org

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