



Entergy Nuclear Operations, Inc
440 Hamilton Avenue
White Plains, NY 10601
Tel 914 272 3370

John F. McCann
Vice President
Regulatory Assurance

ENOC-14-00006
March 28, 2014

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: Status of Funding for Managing Irradiated Fuel
For Year Ending December 31, 2013 – 10 CFR 50.82(a)(8)(vii)

Entergy Nuclear Operations, Inc.

Indian Point Nuclear Generating Station 1
Docket . 50-3
Licensing No. DPR-5

Big Rock Point
Docket 50-155
Licensing No. DPR-6

Dear Sir or Madam:

10 CFR 50.82(a)(8)(vii) requires that after submitting its site-specific decommissioning cost estimate pursuant to 10 CFR 50.82(a)(4)(i), a licensee must annually submit to the NRC, by March 31, a report on the status of its funding for managing irradiated fuel. On behalf of Entergy Nuclear Indian Point 2 LLC, and Entergy Nuclear Palisades LLC, Entergy Nuclear Operations, Inc. hereby submits the information requested for Indian Point 1 and Big Rock Point.

There are no new commitments made in this letter. If you have any questions, please contact Mr. David Mannai, Senior Manager, Fleet Regulatory Assurance at 802-380-1175.

Sincerely,

A handwritten signature in black ink, appearing to be "JFM", written over a horizontal line.

JFM/ghd/ljs/aye

FSME20
NMSSOI

- Attachments:
1. Entergy Nuclear Operations, Inc. Status of Funding for Managing Irradiated Fuel - Indian Point 1, for Year Ending December 31, 2013 – 10 CFR 50.82(a)(8)(vii)
 2. Entergy Nuclear Operations, Inc. Status of Funding for Managing Irradiated Fuel - Big Rock Point, for Year Ending December 31, 2013 – 10 CFR 50.82(a)(8)(vii)

cc:

Mr. J. A. Aluise (ENT)
 Mr. T. Ngau (ECH)
 Ms. D. Jacobs (ECH)
 Ms. W. C. Curry (ECH)
 Mr. B. E. Green (TMBR)
 Mr. D. J. Mannai (WPO)
 Mr. J. Ventosa (IPEC)
 Mr. A. Vitale (PAL)
 Mr. L. Jager Smith (ECH)
 Mr. T. Mitchell (ECH)

USNRC Regional Administrator, Region I
 USNRC Regional Administrator, Region III
 USNRC Project Manager, Indian Point 1
 USNRC Project Manager, Indian Point 2
 USNRC Project Manager, Indian Point 3
 USNRC Project Manager, Big Rock Point
 USNRC Project Manager, Palisades
 USNRC Resident Inspector, Indian Point 2
 USNRC Resident Inspector, Indian Point 3
 USNRC Resident Inspector, Palisades

Michigan Department of Environmental Quality
 Michigan Public Service Commission

Ms. Bridget Frymire
 NYS Department of Public Service
 3 Empire State Plaza
 Albany, NY 12223

Attachment 1
ENOC-14-00006
(Page 1 of 1)

Entergy Nuclear Operations, Inc.
Status of Funding for Managing Irradiated Fuel – Indian Point 1
For Year Ending December 31, 2013 - 10 CFR 50.82(a)(8)(vii)

Plant Name: **Indian Point Nuclear Generating Unit No. 1**

- | | |
|--|-------------------------------|
| 1. Funds accumulated to cover the
cost of managing irradiated fuel as of 12/31/2013 | \$ 142.64 million
[Note 1] |
| 2. Projected costs to manage fuel until DOE removal (2013\$) | \$ 84.41 million |
| 3. Plan as required | See Note 2 |

Note 1: This amount represents the excess funds available in the unit 1 decommissioning trust fund less an amount necessary to decommission the Independent Spent Fuel Storage Installation (ISFSI). Per unit 1's updated decommissioning cost analysis, the present value of excess funds in unit 1's decommissioning trust at the end of decommissioning (40-year operating life, maximum SAFSTOR period) in 2073 is \$142.83 million. The estimated cost for decommissioning Indian Point 1 and 2's share of the site ISFSI is \$2.004 million. Of the 53 casks from Indian Point 1 and 2 on the ISFSI, 5 are attributable to unit 1, or 9.4%. Unit 1's share of ISFSI decommissioning cost is calculated as 9.4% x \$2.004 million, or \$0.19 million. Thus, the present value of unit 1 trust funds available for spent fuel management is \$142.83 million minus \$0.19 million, or \$142.64 million. For purposes of this report only, Indian Point 1 trust funds are being considered separately from Indian Point 2 trust funds; however, both funds are covered by a single trust agreement, and will likely be handled together upon decommissioning.

Note 2: The excess currently existing in unit 1's decommissioning trust is sufficient to cover the estimated costs of spent fuel management. The licensee acknowledges the need for an exemption pursuant to 10 CFR §50.12(a) to use radiological decommissioning trust funds for costs other than decommissioning activities as defined in 10 CFR 50.2.

Attachment 2
ENOC-14-00006
(Page 1 of 1)

Entergy Nuclear Operations, Inc.
Status of Funding for Managing Irradiated Fuel – Big Rock Point
For Year Ending December 31, 2013 - 10 CFR 50.82(a)(8)(vii)

Plant Name: **Big Rock Point**

- | | |
|--|------------------|
| 1. Funds accumulated to cover the
cost of managing irradiated fuel as of 12/31/2013 | See Note 1 |
| 2. Projected costs to manage fuel until DOE removal (2013\$) | \$ 57.55 million |
| 3. Plan as required | See Note 1 |

Note 1: Spent fuel management costs have been paid for out of Entergy Nuclear Palisades, LLC operating funds since Big Rock Point was acquired from Consumers Energy on April 11, 2007. Entergy Nuclear Palisades, LLC plans to continue paying for spent fuel management costs from said operating funds. Therefore, no funds are specifically accumulated for the cost of managing irradiated fuel as of 12/31/2013.