

**Thomas Harding**  
Licensing Director

# CENG

a joint venture of



**Constellation  
Energy**



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September 16, 2010

U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**ATTENTION:** Document Control Desk  
Director, Spent Fuel Project Office  
Office of Nuclear Material Safety and Safeguards

**SUBJECT:** **R.E. Ginna Nuclear Power Plant**  
Docket No. 50-244, 72-67 (ISFSI)

**General License 30-day Cask Registration Notification**

In accordance with 10 CFR 72.212(b)(1)(ii), Constellation Energy Nuclear Group is providing the enclosed information to register the use of an approved spent fuel storage cask at the R.E. Ginna Nuclear Power Plant Independent Spent Fuel Storage Installation (ISFSI).

Additionally, pursuant to the General Requirements and Conditions of the Technical Specifications for Certificate of Compliance 1004, §1.1.7 "Special Requirements for First System in Place", a summary is provided of the thermal performance of the first Dry Shielded Canister (DSC) loaded into the cask system at the R.E Ginna ISFSI.

This letter contains no NRC commitments. Should you have any questions regarding the information in this letter, please contact me at (585) 771-5219.

Very truly yours,

Thomas L Harding

Enclosure: (1) Cask Registration Information

cc: S.J. Collins, NRC  
D.V. Pickett, NRC  
Resident Inspector, NRC (Ginna)

NMSS01

WPLNRC-1002335

## Enclosure 1

### Cask Registration Information Page 1 of 1

#### 10 CFR 72.212(b)(1)(ii) Required Information

Licensee's Name: R.E. Ginna Nuclear Power Plant, LLC

Address: 1503 Lake Rd.  
Ontario, NY 14519

Reactor License Number: DPR-18

Docket Number: 50-244  
72-67 (ISFSI)

Person Responsible for Providing additional information: Mr. Thomas Harding  
585-771-5219

Cask Certificate Number: 1004

Cask Model Number: NUHOMS<sup>®</sup>-32PT

Cask Identification Number: REG32PT-S125-A16-001

#### Thermal Equilibrium Performance Data

Calculated Heat Load: 10.21 KW

Calculated  $\Delta T$ : 49°F

Actual  $\Delta T$  (Note 1): 19.7°F

#### Horizontal Storage Module (HSM) Information

HSM Model: NUHOMS<sup>®</sup> Model 102

HSM Identification Number: REG-HSM8

Note 1: The actual  $\Delta T$  represents the maximum measured  $\Delta T$  obtained during equilibrium conditions. These conditions are defined as a daily temperature change of less than 6°F over three consecutive days.