

establish such a permit system to designate Antarctic Specially Protected Areas.

### Application Details

#### Permit Application: 2017-034

1. *Applicant:* Dr. David W. Johnston, Duke University Marine Laboratory, Beaufort, NC 28516.

#### *Activity for Which Permit is*

*Requested:* Take; Harmful Interference; Enter Antarctic Specially Protected Area (ASP). The applicant proposes to use unmanned aircraft systems (UAS) for photogrammetry and aerial surveys of whales and seabirds in the Antarctic Peninsula region between Charcot Island and the North Gerlache Strait, including ASPA No. 117, Avian Island, Marguerite Bay. The applicant plans to use both fixed-wing and multicopter small UAS at altitudes of 50–300 feet above the target species. Average flight times are expected to range from 12 to 35 minutes. The UAS pilots have experience appropriate for the proposed activities. The species subject to take or harmful interference as result of the proposed activity include: humpback whales (n=100 per year), minke whales (n=100 per year), Adelie penguins (n=2000 per year), Gentoo penguins (n=2000 per year), chinstrap penguins (n=500 per year), brown skua (n=50 per year), south polar skua (n=50 per year), giant petrel (n=50 per year), kelp gull (n=100 per year), blue-eyed shag (n=100 per year), snowy sheathbill (n=50 per year). The applicant currently holds a Marine Mammal Protection Act permit (14809-02) that allows for the take of the whale species in the Southern Ocean by photogrammetry and photo-identification.

*Location:* Antarctic Peninsula region; Torgersen Island; ASPA No. 117, Avian Island, Marguerite Bay.

*Dates:* January 5, 2017—March 31, 2019.

**Nadene G. Kennedy,**

*Polar Coordination Specialist, Division of Polar Programs.*

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**BILLING CODE 7555-01-P**

## NUCLEAR REGULATORY COMMISSION

[Docket No. 50-416; NRC-2016-0236]

### License Renewal for Grand Gulf Nuclear Station, Unit 1

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** License renewal and record of decision; issuance.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) has issued renewed facility operating license No. NPF-29 to Entergy Company (Entergy or the licensee), the operator of Grand Gulf Nuclear Station, Unit 1 (GGNS). Renewed facility operating license No. NPF-29 authorizes operation of GGNS by the licensee at reactor core power levels not in excess of 4,408 megawatts thermal, in accordance with the provisions of the GGNS renewed license and technical specifications. In addition, the NRC has prepared a record of decision (ROD) that supports the NRC's decision to renew facility operating license No. NPF-29.

**DATES:** The license renewal of facility operating license No. NPF-29 was effective on December 1, 2016.

**ADDRESSES:** Please refer to Docket ID NRC-2016-0236 when contacting the NRC about the availability of information regarding this document. You may obtain publicly-available information related to this document using any of the following methods:

- *Federal Rulemaking Web site:* Go to <http://www.regulations.gov> and search for Docket ID NRC-2016-0236. Address questions about NRC dockets to Carol Gallagher; telephone: 301-415-3463; email: [Carol.Gallagher@nrc.gov](mailto:Carol.Gallagher@nrc.gov). For technical questions, contact the individual listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- *NRC's Agencywide Documents Access and Management System (ADAMS):* You may obtain publicly-available documents online in the ADAMS Public Documents collection at <http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "ADAMS Public Documents" and then select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by email to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov). The ADAMS accession number for each document referenced in this document (if that document is available in ADAMS) is provided the first time that a document is referenced.

- *NRC's PDR:* You may examine and purchase copies of public documents at the NRC's PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

**FOR FURTHER INFORMATION CONTACT:** Emmanuel Sayoc, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, DC 20555; telephone: 301-415-4084; email: [Emmanuel.Sayoc@nrc.gov](mailto:Emmanuel.Sayoc@nrc.gov).

**SUPPLEMENTARY INFORMATION:** Notice is hereby given that the NRC has issued renewed facility operating license No. NPF-29 to Entergy Company, the operator of GGNS. Renewed facility operating license No. NPF-29 authorizes operation of GGNS by the licensee at reactor core power levels not in excess of 4,408 megawatts thermal, in accordance with the provisions of the GGNS renewed license and technical specifications. The NRC's ROD that supports the NRC's decision to renew facility operating license No. NPF-29 is available in ADAMS under Accession No. ML16243A024. As discussed in the ROD and the final supplemental environmental impact statement (FSEIS) for GGNS, Supplement 50 to NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants Regarding Grand Gulf Nuclear Station, Unit 1," dated November 30, 2014 (ADAMS Accession No. ML14328A171), the NRC has considered a range of reasonable alternatives that included natural gas combined-cycle (NGCC), supercritical pulverized coal, combination of wind, solar, and NGCC, and the no action alternative. The ROD and FSEIS document the NRC decision for the environmental review that the adverse environmental impacts of license renewal for GGNS are not so great that preserving the option of license renewal for energy planning decision makers would be unreasonable.

Grand Gulf Nuclear Station, Unit 1 is a boiling water reactor located 20 miles southwest of Vicksburg, Mississippi. The application for the renewed license, "License Renewal Application, Grand Gulf Nuclear Station, Unit 1," dated October 28, 2011, as supplemented by letters dated through October 3, 2016 (ADAMS Accession No. ML11308A052), complied with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the NRC's regulations. As required by the Act and the NRC's regulations in chapter 1 of title 10 of the *Code of Federal Regulations* (10 CFR), the NRC has made appropriate findings, which are set forth in the license. A public notice of the proposed issuance of the renewed license and an opportunity for a hearing was published in the **Federal Register** on December 27, 2011 (76 FR 80980).

For further details with respect to this action, see: (1) Entergy Company, license renewal application for Grand Gulf Nuclear Station, Unit 1, dated October 28, 2011, as supplemented by letters dated through October 3, 2016; (2) the NRC's safety evaluation report published on October 18, 2016 (ADAMS

Accession No. ML16288A185); (3) the NRC's final environmental impact statement (NUREG-1437, Supplement 50), for GGNS published in November 2014; and (4) the NRC's record of decision.

Dated at Rockville, Maryland, this 1st day of December, 2016.

For the U.S. Nuclear Regulatory Commission.

**Jane E. Marshall,**

*Acting Director, Division of License Renewal, Office of Nuclear Reactor Regulation.*

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**BILLING CODE 7590-01-P**

## NUCLEAR REGULATORY COMMISSION

[Docket No. 50-170; NRC-2012-0272]

### Armed Forces Radiobiology Research Institute

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** License renewal; issuance.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) issued a renewal of Facility Operating License No. R-84, held by the Armed Forces Radiobiology Research Institute (AFRRI or the licensee) for the continued operation of its AFRRI Training, Research, Isotopes Production, General Atomics (TRIGA) reactor for an additional 20 years.

**DATES:** The Renewed Facility Operating License No. R-84 is effective on November 30, 2016.

**ADDRESSES:** Please refer to Docket ID NRC-2012-0272 when contacting the NRC about the availability of information regarding this document. You may obtain publicly-available information related to this document using any of the following methods:

- *Federal Rulemaking Web site:* Go to <http://www.regulations.gov> and search

for Docket ID NRC-2012-0272. Address questions about NRC dockets to Carol Gallagher; telephone: 301-415-3463; email: [Carol.Gallagher@nrc.gov](mailto:Carol.Gallagher@nrc.gov). For technical questions, contact the individual listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- *NRC's Agencywide Documents Access and Management System (ADAMS):* You may obtain publicly-available documents online in the ADAMS Public Documents collection at <http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "ADAMS Public Documents" and then select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by email to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov). For the convenience of the reader, the ADAMS accession numbers are provided in a table in the "Availability of Documents" section of this document.

- *NRC's PDR:* You may examine and purchase copies of public documents at the NRC's PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

**FOR FURTHER INFORMATION CONTACT:** Cindy K. Montgomery, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 301-415-3398; email: [Cindy.Montgomery@nrc.gov](mailto:Cindy.Montgomery@nrc.gov).

**SUPPLEMENTARY INFORMATION:** The NRC has issued renewed Facility Operating License No. R-84, held by the licensee, which authorizes continued operation of the AFRRI TRIGA reactor, located in Bethesda, Maryland. The AFRRI TRIGA reactor is a heterogeneous pool-type, natural convection, light-water cooled and shielded reactor. The renewed license authorizes the licensee to operate the AFRRI TRIGA reactor up to

a steady-state power level of 1.1 megawatts thermal with pulsing capability using reactivity insertions up to 2.45%  $\Delta k/k$ . The renewed Facility Operating License No. R-84 will expire 20 years from its date of issuance, November 30, 2016.

The renewed facility operating license complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's regulations in Chapter I of title 10 of the *Code of Federal Regulations* (10 CFR), and sets forth those findings in the renewed facility operating license. The agency afforded an opportunity for hearing in the Notice of Opportunity for Hearing published in the **Federal Register** on November 15, 2012 (77 FR 68155). The NRC received no request for a hearing or petition for leave to intervene following the notice.

The NRC staff prepared a Safety Evaluation Report related to the renewal of Facility Operating License No. R-84 and concluded, based on that evaluation, that the licensee can continue to operate the facility without endangering the health and safety of the public. The NRC staff also prepared an Environmental Assessment and Finding of No Significant Impact regarding the renewal of the facility operating license, noticed in the **Federal Register** on November 25, 2016 (81 FR 85268), and concluded that renewal of the facility operating license will not have a significant impact on the quality of the human environment.

### Availability of Documents

The documents identified in the following table are available to interested persons through ADAMS accession numbers, as indicated.

Document	ADAMS accession No.
Armed Forces Radiobiology Research Institute Renewal of Operating License R-84 for 1 MW TRIGA Research Reactor (June 24, 2004) .....	ML041800067
Reactor Operator Requalification Program for Armed Forces Radiobiology Research Institute (June 24, 2004) .....	ML041800071
Environmental Report for Armed Forces Radiobiology Research Institute (June 24, 2004) .....	ML041800068
Safety Analysis Report for Armed Forces Radiobiology Research Institute (AFRRI) (June 24, 2004) (redacted version) .....	ML101650415
Safety Analysis Report Chapters 4 and 13 for Armed Forces Radiobiology Research Institute (AFRRI) (March 4, 2010) (redacted version) .....	ML101650422
Request for Additional Information Regarding Financial Qualifications for the License Renewal Review (August 13, 2010) .....	ML102310075
Armed Forces Radiobiology Research Institute Response to Request for Additional Information dated July 19, 2010 Re: Technical Specifications (September 27, 2010) (redacted version) .....	ML110260024
Letter Re: Armed Forces Radiobiology Research Institute-Request for Additional Information Regarding the Application for License Renewal (TAC No. ME1587) (October 21, 2010) .....	ML103070121
Request for Additional Information Re: License Amendment, Separation of Byproduct Material (December 15, 2010) .....	ML103560456
Request for Additional Information Regarding the Application for License Renewal (February 7, 2011) .....	ML110460687
Armed Forces Radiobiology Research Institute—Response to Request for Additional Information Regarding the Application for License Renewal (June 20, 2011) .....	ML112232300