

**ACTION:** Notice of intent to grant partially exclusive patent license.

**SUMMARY:** The National Aeronautics and Space Administration (NASA) hereby gives notice of its intent to grant a partially exclusive patent license in the United States to practice the inventions described and claimed in U.S. Patent Number 7,075,295 B2 titled "Magnetic Field Response Sensor for Conductive Media," NASA Case Number LAR-16571-1; U.S. Patent Number 7,589,525 B2 titled "Magnetic Field Response Sensor for Conductive Media," NASA Case Number LAR-16571-2; U.S. Patent No. 7,759,932 B2 titled "Magnetic Field Response for Conductive Media," NASA Case Number LAR-16571-3; U.S. Patent No. 7,086,593 B2 titled "Magnetic Field Response Measurement Acquisition System," NASA Case Number LAR-16908-1; U.S. Patent No. 7,047,807 B2 titled "Flexible Framework for Capacitive Sensing," NASA Case No. LAR-16974-1; U.S. Patent No. 7,159,774 B2 titled "Magnetic Field Response Measurement Acquisition System," NASA Case No. LAR-17280-1; U.S. Patent No. 8,430,327 B2 titled "Wireless Sensing System Using Open-Circuit, Electrically-Conductive Spiral-Trace Sensor," NASA Case No. LAR-17294-1; U.S. Patent No. 8,673,649 B2 titled "Wireless Chemical Sensor and Sensing Method for Use Therewith," NASA Case No. LAR-17579-1; U.S. Patent No. 9,329,149 B2 titled "Wireless Chemical Sensor and Sensing Method for Use Therewith," NASA Case No. LAR-17579-2; U.S. Patent No. 9,733,203 B2 titled "Wireless Chemical Sensing Method," NASA Case No. LAR-17579-3; U.S. Patent No. 8,179,203 B2 titled "Wireless Electrical Device using Open-Circuit Elements Having No Electrical Connections," NASA Case No. LAR-17711-1; U.S. Patent Application No. 14/193,861 titled "Wireless Temperature Sensor Having No Electrical Connections and Sensing Method for Use Therewith," NASA Case No. LAR-17747-1-CON; U.S. Patent No. 9,329,153 B2 titled "Method of Mapping Anomalies in Homogenous Material," NASA Case No. LAR-17848-1; U.S. Patent No. 8,636,407 B2 titled "Wireless Temperature Sensor Having No Electrical Connections and Sensing Method for Use Therewith," NASA Case No. LAR-18016-1; U.S. Patent Application No. 14/520,785 titled "Multi-Layer Wireless Sensor Construct for Use at Electrically Conductive Material Surface," NASA Case No. LAR-18399-1; and U.S. Patent Application No. 14/520,863 titled "Antenna for Far Field Transceiving," NASA Case No. LAR-18400-1, to Doull

Site Assessments Ltd., having its principal place of business in Alberta, Canada. The fields of use may be limited to emissions detection and quantification, gas and liquid flow rate measurement, compositional analysis, and quantification for hydrocarbons and other substances, including but not limited to H<sub>2</sub>S, CO<sub>2</sub> and SO<sub>2</sub>, associated with the oil, gas and waste management industries at the well bore and/or below grade cavern, and associated above ground facilities for each; and/or similar fields of use thereto.

**DATES:** The prospective partially exclusive license may be granted unless NASA receives written objections, including evidence and argument no later than June 22, 2018 that establish that the grant of the license would not be consistent with the requirements regarding the licensing of federally owned inventions as set forth in the Bayh-Dole Act and implementing regulations. Competing applications completed and received by NASA no later than June 22, 2018 will also be treated as objections to the grant of the contemplated partially exclusive license. Objections submitted in response to this notice will not be made available to the public for inspection and, to the extent permitted by law, will not be released under the Freedom of Information Act.

**ADDRESSES:** Objections relating to the prospective license may be submitted to Patent Counsel, Office of Chief Counsel, NASA Langley Research Center, MS 30, Hampton, Virginia 23681. Phone (757) 864-3221. Facsimile (757) 864-9190.

**FOR FURTHER INFORMATION CONTACT:** Robin W. Edwards, Patent Counsel, Office of Chief Counsel, NASA Langley Research Center, MS 30, Hampton, Virginia 23681. Phone (757) 864-3221. Facsimile (757) 864-9190.

**SUPPLEMENTARY INFORMATION:** This notice of intent to grant a partially exclusive patent license is issued in accordance with 35 U.S.C. 209(e) and 37 CFR 404.7(a)(1)(i). The patent rights in these inventions have been assigned to the United States of America as represented by the Administrator of the National Aeronautics and Space Administration. The prospective exclusive license will comply with the requirements of 35 U.S.C. 209 and 37 CFR 404.7.

Information about other NASA inventions available for licensing can be

found online at <http://technology.nasa.gov>.

**Mark Dvorscak,**  
Agency Counsel for Intellectual Property.  
[FR Doc. 2018-12232 Filed 6-6-18; 8:45 am]

**BILLING CODE 7510-13-P**

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (18-048)]

### Notice of Intent To Grant Partially Exclusive Patent License

**AGENCY:** National Aeronautics and Space Administration.

**ACTION:** Notice of Intent to Grant Partially Exclusive Patent License.

**SUMMARY:** NASA hereby gives notice of its intent to grant a partially exclusive patent license in the United States to practice the inventions described and claimed in U.S. Patent Application No. 15/014,608 titled "Nuclear Thermionic Avalanche Cells with Thermoelectric (NTAC-TE) Generator in Tandem Model," NASA Case Number LAR-17981-1; U.S. Patent Application No. 62/513,497 titled "Portable Compact Thermionic Power Cell," NASA Case Number LAR-18860-P2; U.S. Patent Application No. 15/479,679 titled "Metallic Junction Thermoelectric Generator," NASA Case Number LAR-18866-1; U.S. Patent Application No. 62/621,930 titled "Selective and Direct Deposition Technique for Streamlined CMOS Processing," NASA Case Number LAR-18925-P2; U.S. Patent Application No. 62/643,292 titled "Portable Miniaturized Thermionic Power Cell with Multiple Regenerative Layers," NASA Case No. LAR-18926-P; U.S. Patent Application No. 62/643,303 titled "High Performance Electric Generators Boosted by Nuclear Electorn Avalanche (NEA)," NASA Case No. LAR-19112-P, to Braidy Industries, Inc., having its principal place of business in Ashland, Kentucky. The fields of use may be limited to power generators, generation of electricity and/or similar fields of use thereto.

**DATES:** The prospective partially exclusive patent license may be granted unless NASA receives written objections, including evidence and argument, no later than June 22, 2018 that establish that the grant of the license would not be consistent with the requirements regarding the licensing of federally owned inventions as set forth in the Bayh-Dohl Act and implementing regulations. Competing applications completed and received by NASA no later than June 22, 2018 will also be

treated as objections to the grant of the contemplated partially exclusive patent license. Objections submitted in response to this notice will not be made available to the public for inspection and, to the extent permitted by law, will not be released under the Freedom of Information Act.

**ADDRESSES:** Objections relating to the prospective license may be submitted to Patent Counsel, Office of Chief Counsel, NASA Langley Research Center, MS 30, Hampton, Virginia 23681. Phone (757) 864-3221. Facsimile (757) 864-9190.

**FOR FURTHER INFORMATION CONTACT:** Jonathan B. Soike, Patent Attorney, Office of Chief Counsel, NASA Langley Research Center, MS 30, Hampton, Virginia 23681. Phone (757) 864-7863. Facsimile (757) 864-9190.

**SUPPLEMENTARY INFORMATION:** This notice of intent to grant a partially exclusive patent license is issued in accordance with 35 U.S.C. 209(e) and 37 CFR 404.7(a)(1)(i). The patent rights in these inventions have been assigned to the United States of America as represented by the Administrator of the National Aeronautics and Space Administration. The prospective partially exclusive patent license will comply with the requirements of 35 U.S.C. 209 and 37 CFR 404.7.

Information about other NASA inventions available for licensing can be found online at <http://technology.nasa.gov>.

**Mark Dvorscak,**

*Agency Counsel for Intellectual Property.*

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## NUCLEAR REGULATORY COMMISSION

[Docket No. 72-26; NRC-2018-0108]

### Pacific Gas and Electric Company Diablo Canyon Independent Spent Fuel Storage Installation

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Environmental assessment and finding of no significant impact; issuance.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is considering issuing an environmental assessment (EA) and a finding of no significant impact (FONSI) for its review and approval of the decommissioning funding plans (DFPs) submitted by Pacific Gas and Electric Company (PGEC) on December 17, 2012, and December 17, 2015, for the independent

spent fuel storage installation (ISFSI) at Diablo Canyon in Avila Beach, California.

**DATES:** The EA and FONSI referenced in this document are available on June 7, 2018.

**ADDRESSES:** Please refer to Docket ID NRC-2018-0108 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 Website:* Go to <http://www.regulations.gov> and search for Docket ID NRC-2018-0108. Address questions about NRC dockets to Jennifer Borges; telephone: 301-287-9127; email: [Jennifer.Borges@nrc.gov](mailto:Jennifer.Borges@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 it is available in ADAMS) is provided the first time that it is mentioned in this document. In addition, 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:** Pamela Longmire, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 301-415-7465, email: [Pamela.Longmire@nrc.gov](mailto:Pamela.Longmire@nrc.gov).

#### SUPPLEMENTARY INFORMATION:

##### I. Introduction

The NRC is considering the approval of the DFPS for the Diablo Canyon ISFSI. PGEC submitted an initial DFP and an updated DFP for NRC review and approval by letters dated December 17, 2012 (ADAMS Accession No. ML12353A315), and December 17, 2015

(ADAMS Accession No. ML15351A502), respectively. The NRC staff has prepared a final EA (ADAMS Accession No. ML18131A047) in support of its review of PGEC's DFPS in accordance with the NRC regulations in part 51 of title 10 of the *Code of Federal Regulations* (10 CFR), "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions," which implements the National Environmental Policy Act of 1969, as amended (42 U.S.C. 4321 *et seq.*). Based on the EA, the NRC staff has determined that approval of the DFPS for the Diablo Canyon ISFSI will not significantly affect the quality of the human environment, and accordingly, the staff has concluded that a FONSI is appropriate. The NRC staff further finds that preparation of an environmental impact statement is not warranted.

##### II. Environmental Assessment

###### Background

The Diablo Canyon ISFSI is located in Avila Beach, California. PGEC is authorized by the NRC, under License No. SNM-2511, to store spent nuclear fuel at the Diablo Canyon ISFSI.

The NRC requires its licensees to plan for the eventual decommissioning of their licensed facilities prior to license termination. On June 17, 2011, the NRC published a final rule in the **Federal Register** amending its decommissioning planning regulations (76 FR 35512). The final rule amended the NRC regulation, 10 CFR 72.30, which concerns financial assurance and decommissioning for ISFSIs. This regulation now requires each holder of, or applicant for, a license under 10 CFR part 72 to submit, for NRC review and approval, a DFP. The purpose of the DFP is to demonstrate the licensee's financial assurance (*i.e.*, that funds will be available to decommission the ISFSI). The NRC staff is reviewing the DFPS submitted by PGEC on December 13, 2012, and December 17, 2015. Specifically, the NRC must determine whether PGEC's DFPS contain the information required by §§ 72.30(b) and (c), and whether PGEC has provided reasonable assurance that funds will be available to decommission the ISFSI.

###### Description of the Proposed Action

The proposed action is the NRC's review and approval of PGEC's DFPS submitted in accordance with §§ 72.30(b) and (c). To approve the DFPS, the NRC will evaluate whether the decommissioning cost estimate adequately estimates the cost to conduct the required ISFSI decommissioning activities prior to license termination,