JP-833
Rev. Jan. 01

Commonwealth of Puerto Rico
Office of the Governor
Puerto Rico Planning Board
Physical Planning Area
Land Use Planning Bureau

Application for Certification of Consistency with the Puerto Rico Coastal Management Program

General Instructions:

A. Attach a 1:20,000 scale, U.S. Geological Survey topographic quadrangular base map of the site.

B. Attach a reasonably scaled plan or schematic design of the proposed object, indicating the following:

1. Peripheral areas

2. Bodies of water, tidal limit and natural systems.

C. You may attach any further information you consider necessary for proper evaluation of the proposal.

D. If any information requested in the questionnaire does not apply in your case, indicate by writing "N/A"(not applicable).

E. Submit a minimum of seven (7) copies of this application.

DO NOT WRITE IN THIS BOX

Type of application: _____ Application Number: _____

Date received: _____ Date of Certification: _____

Evaluation result: ☐ Objection ☐ Acceptance ☐ Negotiation

Technician: _____ Supervisor: _____

Comments:

1. Name of Federal Agency: U.S. Department of Energy, Office of Legacy Management (DOE-LM)

2. Federal Program Catalog Number: N/A

3. Type of Action:

☒ Federal Activity ☐ License or permit ☐ Federal Assistance

4. Name of Applicant: Jennifer O'Brien, DOE-LM Environmental Program Manager

5. Postal Address: 11035 Dover Street, Suite 600, Westminster, CO 80021, U.S.A.

Telephone: 303.404.6107 Fax: Email: jennifer.obrien@lm.doe.gov

6. Project name: Site Characterization for the DOE-LM BONUS Decommissioned Reactor Site, Puerto Rico

7. Physical Description of Project Location (area, facilities such as vehicular access, drainage,

storm and sanitary sewer placement, etc.): The BONUS Decommissioned Reactor Site is located in the Municipio of Rincon, in the westernmost part of Puerto Rico, near the city of Rincon (see Figure 1). Project activities would take place at specifed locations across the approximately 140-acre site (see Figures 2 through 5). Vehicular access to the site would be off of Highway 413. Underground utilities would be located and mapped prior to beginning field investigations. Site drainage, storm, and sanitary sewers would not be impacted by the project.

Catastro: 095-000-004-03; Lat: 18.36340299; Lon: -67.26719266

Lambert Coordinates: X = 111836.0050 Y = 258855.8786

8. Type of construction or other work proposed:

☐ drainage ☐ channeling ☐ landfill ☐ sand extraction

☐ pier ☐ bridge ☐ residential ☐ tourist

others (specify and explain) The proposed project activities would include visual site inspections, civil surveys, subsurface utility location and mapping, gamma walkover surveys, and surficial soil sampling.

Description of proposed work: The proposed work would be completed in accordance with the project Delivery Order (DO) W912DR24F0373 under USACE Contract No. W912DR20D0012 and supporting documents. Actions would include visual site inspections, gamma walkover surveys, and surficial radiological soil sampling. Gamma walkover surveys and radiological soil sampling would be performed to confirm that concentrations of the radionuclides of concern associated with soils are below the derived concentration guideline levels.

All actions would occur in 10 survey units (SUs) in the following locations (Figure 2 through Figure 5):

- Class 1 areas (SUs 1–3) surrounding the domed building within the fence boundary and two areas outside the site fence line which includes a seawater intake and water discharge.
- Class 2 areas (SUs 4 and 5) include a 25-foot buffer around the fence line and an area of coastline.
- Class 3 areas (SU 6) include a 100-foot buffer around the Class 2 areas.
- Class 3 areas (SUs 7–10) include non-impacted areas.

The proposed actions include civil surveys, subsurface utility locates, gamma walkover surveys, and surficial soil sampling. Civil surveys would be performed using a combination of GPS and total stations to mark and log the outer boundary of site. Subsurface utility location and mapping would use electromagnetic survey techniques and ground-penetrating radar to accurately locate and map underground utilities present. Gamma walkover surveys would be completed using hand-carried detectors within the reactor and across all SUs. The detector would be suspended approximately 4 inches over the surface being measured. The surveyor would move at a maximum rate of approximately 0.5 meters per second along paths that are approximately 1.0 meter apart to perform measurements over the required survey area for each of the SUs being investigated.

Soil investigation activities would focus on radionuclides and would include the collection of both biased surface soil samples based on the gamma survey results throughout the class areas and systematic surface soil samples. Approximately 18 locations are anticipated in each individual SU within Class 3 and non-impacted areas and approximately 28 locations are anticipated in Class 1 and 2 SUs. Biased sampling locations would be subject to a two-step reacquisition process to ensure that the sample matrix is representative of the gamma survey results that served as the basis for the selection of each biased sampling location. Specifically, a handheld GPS unit would be used to place a pin flag at the location of each selected location. Soil samples in Class I and 2 are anticipated to be up to 1-foot deep and not expected to exceed a total weight of 6.5 pounds (approximately 2,000 cm^3), while samples in Class 3 and non-impacted areas are anticipated to be no more than 6 inches deep. All soil sampling would be completed using hand tools. Soil locations would be adjusted as needed to avoid disturbing trees, shrubs, or ground cover. If grass is present, the sod would be removed to expose soil and then replaced after the sample is collected. Some limited vegetation clearance may occur in previously distrubed areas in Class 1 and 2 SUs, but no off-road driving would occur in any SU. No changes to the reactor structures, systems, or components would occur.

The actions would be completed by USACE and its subcontractors. All vehicular travel would occur on designated roads. All proposed actions are anticipated to begin in summer and fall 2026 and are expected to last for approximately 7 weeks, but the schedule may be extended as needed. All actions would occur during daylight hours.

Attachments provided with this application include:
1 - Site Boundary and Topographic Map
2 - Figures 1 through 5
3 - Federal Agency CZMA Consistency Determination
4 - NHPA Section 106 Consultation and Public Notice
5 - Section 7 ESA Consultation and Biological Assessment
6 - OGPe Certification of Environmental Compliance by Categorical Exclusion
7 - List of Agencies Contacted

9. Natural, artificial, historic or cultural systems likely to be affected by the project

Place an X opposite any of the systems indicated below that are in the project area or its surroundings, which are likely to be affected by that activity. Indicate the distance from the project to any outside system that would likely be affected.

System	Within Project	Outside Project	Distance (meters)	Local name of affected system
beach, dunes	X			Dome Beach
marshes				
coral, reefs				
river, estuary				
bird sanctuary				
pond, lake, lagoon				
agricultural unit				
forest, wood	X			Subtropical moist forest within Punta Higuero
cliff, breakwater				
cultural or tourist area	X			Dome Beach, Faro de Punta Higuera, and several unofficial, dirt trails.
other (explain)				

Describe the likely impact of the project on the identified system (s).

Positive ☒ Negative ☐

Explain: Data from the proposed project would be used to validate the post clean-up determination of "no radiological contamination" at all areas of the site outside of the reactor building. It is a step towards final remediation of the site, which would be beneficial to the community.

The proposed project is an undertaking under the National Historic Preservation Act. A Section 106 consultation will be completed and concurrence from the Puerto Rico State Historic Preservation Office (SHPO) will be obtained before any work commences. DOE-LM has made a determination of no historic properties affected for the project, pending concurrence from SHPO.

Section 7 consultation under the Endangered Species Act (ESA) with the USFWS Caribbean Ecological Services Field Office will be completed before any work commences. DOE-LM has made a determination that the proposed project may affect, but is not likely to adversely affect the green sea turtle, hawksbill sea turtle, Puerto Rican boa, or Vahl's boxwood. Impacts from surveys and soil sampling would be minor and conservation measures would be applied to prevent any adverse impacts to these species.

PR DRNA is being consulted in conjunction with the USFWS ESA Section 7 consultation for any local concerns to plants or wildlife. DOE-LM has communicated with their office, and PR DRNA did not identify a need for separate consultation.

10. Indicate permits, approvals and endorsements of the proposal by Federal and Puerto Rican government agencies. Evidence of such support should be attached to the proposal.

	Yes	No	Pending	Application Number
a. Planning Board	☐	☐	☐	
b. Regulation and Permits Administration	☐	☐	☐	
c. Environmental Quality Board	☒	☐	☐	2026-685640-DEC-326724 PR OGPe CatEx
d. Department of Natural Resources	☐	☐	☒	Concurrent w/ESA Section 7
e. State Historic Preservation Office	☐	☐	☒	NHPA Section 106 Consult
f. U.S. Army Corps of Engineers	☐	☐	☐	
g. U.S. Coast Guard	☐	☐	☐	
h. Other (s) (specify)	☐	☐	☒	USFWS Caribbean Ecological Field Office ESA Section 7 Consultation

CERTIFICATION

I CERTIFY THAT (project name) the Site Characterization for the DOE-LM BONUS Decommissioned Reator Site, Puerto Rico is consistent with the Puerto Rico Coastal Zone Management Program, and that to the best of my knowledge the above information is true.

JENNIFER O'BRIEN Digitally signed by JENNIFER O'BRIEN Date: 2026.04.30 09:48:21 -06'00'

Jennifer O'Brien
Name (legible)

Signature

DOE-LM Environmental Program Manager
Position

Date