

U.S. Department of Energy
Office of Legacy Management



Categorical Exclusion Determination Form

Proposed action title: Routine Inspection, Radiological Survey, and Minor Maintenance Activities at the BONUS Decommissioned Reactor Site

Program or field office: Office of Legacy Management (LM)

LM Categorical Exclusion Evaluation no.: LM 06 - 26

Location(s) (LM site name or city, county, state): BONUS Decommissioned Reactor Site, Rincon, Puerto Rico

Proposed Action Description

LM is proposing to conduct routine long-term surveillance and maintenance (LTS&M) actions at the Boiling Nuclear Superheater (BONUS), Puerto Rico, Decommissioned Reactor Site in Rincón. The proposed actions would include performing LTS&M activities, including routine inspections, radiological surveys, and minor maintenance at the site in accordance with the Long-Term Surveillance and Maintenance Plan for the BONUS Reactor Facility (September 2024). Inspections, site visits, and site tours would be performed to inspect the site and its features and assets for informational gathering or sharing purposes. At a minimum, the site would be inspected on an annual basis. Non-ground-disturbing tasks, such as visual monitoring and measuring features, could occur as part of these activities.

Monitoring activities could include the following:

- Conducting annual radiological surveys in compliance with Title 10 Code of Federal Regulations Section (10 CFR 835), "Occupational Radiation Protection." Surveys would be performed by Legacy Management Support (LMS) qualified radiological control technicians in the reactor's containment building (Dome) at designated survey locations. Surveys would be performed in accordance with the Annual LMS Radiological Characterization Survey Plan for the BONUS, Puerto Rico, Decommissioned Reactor Site (LMS Radiological Control Survey Plan Number: 24-001) and LMS Radiological Control procedures, manuals, and plans.

Categorical Exclusion(s) Applied

B1.3 – Routine maintenance

B1.28 – Placing a facility in an environmentally safe condition

B3.1 – Site characterization and environmental monitoring

For the DOE procedures regarding categorical exclusions, including the full text of each categorical exclusion, see Title 10 Code of Federal Regulations Part 1021.102 (10 CFR 1021.102) and Appendix B to 10 CFR 1021, and also Section 5.4 (Applying one or more categorical exclusions to a proposal) and Appendixes B and C to DOE's National Environmental Policy Act (NEPA) Implementing Procedures (June 30, 2025).

Requirements and guidance in 10 CFR 1021.102 and DOE's NEPA Implementing Procedures: (see full text in regulation and in implementing procedures)

- The proposal fits within a class of actions that is listed in Appendix B to 10 CFR 1021 or Appendix B and C to DOE's NEPA implementing procedures.
To fit within the classes of actions listed in Appendix B to 10 CFR 1021, or Appendix B of DOE's NEPA implementing procedures, a proposal must satisfy the conditions that are integral elements of the classes of actions in Appendix B of both 10 CFR 1021 and DOE's NEPA procedures.
- There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal. DOE or an applicant may modify the proposal to avoid reasonably foreseeable adverse significant effects such that the categorical exclusion would apply.
- The proposal has not been segmented to meet the definition of a categorical exclusion.

[Note: For proposals that fit within the categorical exclusions listed in Appendix C to DOE's NEPA Implementing Procedures, see DOE's notice of adoption for the subject Appendix C categorical exclusion for additional considerations. DOE notices of adoption for other agency categorical exclusions may be found on DOE's Section 109: Adopting Categorical Exclusions webpage.]

Based on my review of the proposed action, as NEPA compliance officer, I have determined that the proposed action fits within the specified class(es) of action, the other requirements and guidance set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

JENNIFER
O'BRIEN

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O'BRIEN
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NEPA Compliance Officer
Select "Lock document after signing" upon signature.

Date determined