



**U.S. Department of Energy  
Office of Legacy Management  
Categorical Exclusion Determination Form**



**Program or Field Office:** Office of Legacy Management

**Project Title and I.D. No.:** Storm Shelter Installation and Related Activities at the Weldon Spring, Missouri, Site  
LM # 05 -14

**Location:** Weldon Spring, Missouri

**Proposed Action or Project Description:**

The Weldon Spring site, located about 30 miles west of St. Louis, was remediated by DOE under the Comprehensive Environmental Response, Compensation, and Liability Act and has been transformed into a publicly accessible area for recreation and education. In May 2013, the site sustained damages from a tornado that passed through the area. The proposed storm shelter would provide safe shelter for employees and visitors during future severe weather events. The work associated with installation of the storm shelter would include but is not limited to: site investigation, site grading, constructing a foundation slab, erecting the storm shelter, and constructing an access sidewalk. Activities associated with this work would involve heavy equipment and may include: line locations, geotechnical investigations, site grading surveys, earthwork, excavation, backfill and disposal, and subcontractor mobilization and demobilization. The project work is expected to begin in June 2014 and would require approximately six workers and heavy equipment. The shelter would be approximately 10 feet by 56 feet with a minimum occupancy of 110 people. The access sidewalk would be approximately 50 feet long and 4 feet wide. The total estimated area of disturbance, including staging and mobilization areas, would be around 5,000 square feet. The storm shelter would be built in an area north of the Interpretive Center, in accordance with the design and performance criteria established by the Federal Emergency Management Administration P-361 manual and the International Code Council 500 Standard for the Design and Construction of Storm Shelters. The vendor would provide shelter design information, including construction sequence and statements of wind-design conformance and impact and pressure-test recommendations. The proposed project would take place in a previously disturbed area contiguous with an already-developed area. Minor effects to the environment are expected to occur within the scope of the categorical exclusions.

**Categorical Exclusion(s) Applied:**

- B 1.15 Support Buildings
- B 3.1 Site Characterization and environmental monitoring

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of 10 CFR Part 1021.

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D

To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

Based on my review of the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

**NEPA Compliance Officer:**

**Date Determined:**