



Department of Energy  
National Nuclear Security Administration  
NEPA Determination Form



**Proposed Action Title:** Installation of Photo voltaic canopies in existing parking lot

**Program or Field Office:** Sandia Field Office

**Location(s) (City/County/State):** Albuquerque, NM

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**Proposed Action Description**

DOE/NNSA is proposing to install photo-voltaic canopies over approximately 68 existing parking spaces on the north end of the existing John A. Gordon facility (JAG) parking lot to provide an additional 577,071 kWh/year of photovoltaic power generation. Two separate canopies will be constructed. Excavation and trenching will take place to install electrical duct banks from the canopies at the north end of the JAG to the northeast corner of the parking lot / southeast corner of the JAG. The excavation and trenching duct bank will then be installed to the northeast corner of the JAG along the east side roadway of the JAG, then run approximately 120 feet west to the connection to the JAG electrical grid. The duct bank trench dimension will be roughly three feet wide by four feet deep. Roughly 600 feet of duct bank will be installed in previously disturbed and already existing asphalt parking lot. The two canopies will be supported by structural posts along the canopy centerline. One canopy will be supported by six posts each and the canopy close to the John A. Gordon Bldg. will be supported by five posts. The post foundations will be installed in the concrete medians with excavation dimension of approximately 30 inches in diameter to a depth of 10 feet below existing grade. A contractor laydown area will consist of one to two parking lot rows at the south end of the JAG parking lot. The entire project will disturb approximately 0.2 acres. The entire project will take place on previously disturbed and already existing asphalt parking areas.

**NEPA Coverage Applied**

The proposed action to update a cooperative agreement meets the eligibility criteria of 10 CFR Part 1021, D, (b) 5.16 Solar photovoltaic systems - The installation, modification, operation, and removal of commercially available solar photovoltaic systems located on a building or other structure (such as rooftop, parking lot or facility, and mounted to signage, lighting, gates, or fences), or if located on land, generally comprising less than 10 acres within a previously disturbed or developed area. Covered actions would be in accordance with applicable requirements (such as local land use and zoning requirements) in the proposed project area and would incorporate appropriate control technologies and best management practices.

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**NEPA Compliance Officer Determination**

Based on my review of information conveyed to me and in my possession concerning the proposed action, as NEPA Compliance Officer (as authorized under NNSA NAP 451.1), I have determined that the proposed action fits I have determined that the proposed action fits



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within the class of action specified at 10 CFR Part 1021, Subpart D, Appendix B 5.16. If changes are made to the scope of the action so that it is no longer bounded by the above description, or the project is changed to encompass other actions, NEPA requirements for the action will need to be reassessed at that time and further analysis may be required. I have determined that there are no extraordinary circumstances present, and that the proposal has not been segmented. This determination is made pursuant to the NEPA [42 U.S.C. 4321 et seq.], the U.S. Council on Environmental Quality Regulations for Implementing the Procedural Provisions of the NEPA [40 CFR 1500], and the DOE NEPA Implementing Procedures [10 CFR 1021].

NEPA Compliance Officer:

Date Determined: