



# National Nuclear Security Administration Categorical Exclusion Determination Form



NEPA ID #: SC 10-005

Project Title: Fisk University Nonproliferation Grant

Program or Field Office: Nonproliferation R&D Office

Location: Tennessee

Proposed Action or Project Description:

The U.S. Department of Energy (DOE) National Nuclear Security Administration (NNSA) proposes to provide financial assistance to Fisk University for scientific research. The financial assistance would be used to undertake laboratory studies on Strontium Iodide Crystals and study the relationship between the preparation and treatments of the starting materials and establish the relationship with the improved crystalline quality of the improved doped material.

This action would not: threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including DOE and/or Executive Orders; require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities, but may include such categorically excluded facilities; disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; or adversely affect environmentally sensitive resources (including but not limited to those listed in paragraph B.(4)) of Appendix B to Subpart D of 10 CFR 1021). Furthermore, there are no extraordinary circumstances related to this action that may affect the significance of the environmental effects of the action; this action is not "connected" to other actions with potentially significant impacts, is not related to other proposed actions with cumulatively significant impacts, and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

Based on my review of information conveyed to me and in my possession concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class(es) of action and that other regulatory requirements set forth above have been met. Therefore, the application of a categorical exclusion is appropriate.

Categorical Exclusion(s) Applied:

Select the appropriate categorical exclusion(s) from Appendix B to Subpart D of 10 CFR Part 1021

X - B3.6 Siting/construction/operation/decommissioning of facilities for bench-scale research, conventional laboratory operations, small-scale research and development a

NEPA Compliance Officer:

Date Determined: Sep 17, 2010

Comments: