

# DOE-ID NEPA CX DETERMINATION

**SECTION A. Project Title: Nuclear Infrastructure Upgrade to Enhance Teaching Capabilities in the Nuclear Systems Technology Program at Midlands Technical College**

**SECTION B. Project Description**

Midlands Technical College will purchase a metallographic microscope and imaging workstation to allow students to perform structural defect analysis is simulated radiation-damaged, thermal shocked, and stress and corrosion damaged materials, as well as evaluate other surface properties of materials. Midlands will also purchase radiological survey meters, radiation counters, nuclear science lab trainers, and Geiger counters for instructor-led demonstrations and basic laboratory exercises.

**SECTION C. Environmental Aspects / Potential Sources of Impact**

The action consists of funding the purchase of equipment and instruments for an existing program. The action would not create additional environmental impacts above those already occurring at the university.

**SECTION D. Determine the Level of Environmental Review (or Documentation) and Reference(s):** Identify the applicable categorical exclusion from 10 CFR 1021, Appendix B, give the appropriate justification, and the approval date.

Note: For Categorical Exclusions (CXs) the proposed action must not: 1) threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, and health, including requirements of DOE orders; 2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities; 3) 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; 4) adversely affect environmentally sensitive resources. In addition, no extraordinary circumstances related to the proposal exist which would affect the significance of the action, and the action is not "connected" nor "related" (40 CFR 1508.25(a)(1) and (2), respectively) to other actions with potentially or cumulatively significant impacts.

References: B1.2 Training exercises and simulations (including, but not limited to, firing-range training, small-scale and short-duration force-on-force exercises, emergency response training, fire fighter and rescue training, and decontamination and spill cleanup training) conducted under appropriately controlled conditions and in accordance with applicable requirements.

Justification: The activity consists of purchasing and using equipment of instructional purposes.

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act)  Yes  No

Approved by Jack Depperschmidt, DOE-ID NEPA Compliance Officer on 11/28/2011