

managed by Brookhaven Science Associates
for the U.S. Department of Energy

Memo

Date: June 23, 2016

To: S. Cannella

From: J. Higbie *Jennifer L. Higbie*

Subject: NEPA Review of Proposal – Core Facility Revitalization

I have reviewed the following proposal as required by 10 CFR 1021, DOE's Rules for Implementing the National Environmental Policy Act.

“Core Facility Revitalization”; Sponsor: Facilities & Operations; BNL PI: S. Cannella.

The scope of this project is to renovate and revitalize B725. This project includes repurposing a significant portion of the building for use as a new computing facility with associated support space and new infrastructure. The proposed project will renovate approximately 64,000 gross square feet of first floor area. New modern and reliable cooling and power infrastructure shall be provided with capabilities for expansion and incremental growth. Robust back-up capabilities shall be provided for both power and cooling including provision for new emergency generators and other UPS capabilities. Existing life-safety systems shall be upgraded and select exterior building system replacements (roof/windows/etc.) shall be included. ADA accessibility enhancements shall be incorporated into the design. Additional aspects include:

<input checked="" type="checkbox"/> Utilizes existing controls and procedures	<input type="checkbox"/> Continuation of existing experiment / program.	<input type="checkbox"/> Similar to research previously performed at BNL	<input checked="" type="checkbox"/> Utilizes existing facilities/equipment.
<input checked="" type="checkbox"/> BNL processes & procedures exist to manage waste generation/disposal	<input type="checkbox"/> Consists primarily of information gathering, data analysis, technical advice to organizations	<input type="checkbox"/> Bench-scale analysis of samples	Location(s): <input type="checkbox"/> Biology Department <input type="checkbox"/> Medical Department <input type="checkbox"/> Chemistry Department
<input type="checkbox"/> Utilizes standard biochemical and molecular biology procedures	<input type="checkbox"/> Utilizes approved Life Sciences protocols reviewed by appropriate committee: IBS, IACUC		<input checked="" type="checkbox"/> Facilities & Operations <input type="checkbox"/> NSLS beamline <input type="checkbox"/> NSRL beamline <input type="checkbox"/> AGS beamline

The proposed action falls within the scope of the July 2012 Maintenance of BNL Facilities (BNL-522) categorical exclusion. This review has been coordinated with C. Polanish, NEPA Coordinator for the DOE Brookhaven Site Office. Please keep in mind that should the scope of a project change, it would need to be resubmitted for NEPA review. If you have questions about this review please do not hesitate to contact me at extension 5919.

cc: T. Green, D. Bauer, S. Ferrone, S. Hulse, C. Polanish, (DOE-BHSO), J. Remien, T. Sperry, M. Theisen,