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Memo

Date: May 10, 2004
To: M. Van Essendelft
From: M. Davis, NEPA/NHPA Coordinator 
Subject: NEPA Review – AGS Cold Snake Magnet Power & Cryogenics

I have reviewed the documentation associated with the AGS project described below, as required by 10 CFR 1021, DOE's Rules for Implementing the National Environmental Policy Act.

AGS Cold Snake Magnet Power & Cryogenics – This project would provide the infrastructure to run electrical utility and cryogenics from AGS Power Supply Building A18 into the AGS Tunnel A20 Area. The scope of this action consists of jacking a new 14" diameter steel pipe into the tunnel earth shielding on an 11° angle from the ring road, core drilling of AGS tunnel wall to create an opening to receive jacked pipe. The gap between the new steel pipe and AGS tunnel wall will be filled with grout flush once the pipe jacking is complete. In addition to this a headwall to retain earth and new concrete pad to store the He and N² dewars will be constructed. The proposed construction will involve the installation of two new access manholes and PVC conduits to transfer utility lines from the power supply building A18 to the new headwall. This will involve the removal of a portion of the asphalt-paved ring road that will be replaced with a concrete apron. A roof may also be erected over the retaining wall area for the protection of the dewars.

The proposed action would take place in previously disturbed areas, and represents a minor enhancement to existing facilities. Minimal excavation would be performed for the utility line trenching, utility manhole, and headwall installation. Existing BNL procedures and protocols would be followed to address these issues. It is my opinion that the proposed action falls within the scope of the October 2001 "Maintenance of BNL Facilities" categorical exclusion, as well as the 1994 AGS EA (DOE/EA #0909). 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 the 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 2165.

cc: G. Goode, T. Green, A. Javidfar, R. Lee, E. Lessard, P. Pohlot, C. Polanish (DOE-BHSO), J. Selva

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