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Memo

Date: April 5, 2009
To: S. LaMontagne
From: M. Davis, NEPA/NHPA Coordinator 
Subject: NEPA Review – RHIC Blue & Yellow Horizontal Stochastic Cooling

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

RHIC Blue & Yellow Horizontal Stochastic Cooling (ADS: AD9D0069): In FY2008 transverse stochastic cooling was implemented in the vertical plane of the blue RHIC ring. In FY 2009, transverse stochastic cooling will be implemented in the vertical plane of the yellow RHIC ring. This upgrade consists of two more cooling systems, one in the horizontal plane of the blue RHIC ring and the other in the horizontal plane of the yellow RHIC ring. This action would be performed within existing structures (Building 1004 and 1002). There will be no airborne emissions, or liquid release, hazardous waste, or dispersible radioactivity or other environmental hazards associated with this project. Note: A NEPA Review for ADS # A4D0034, RHIC Stochastic Cooling System was performed in June 2006. P.I.s: J. Brennan/A. Zaltsman.

The proposed project represents enhancements/system optimization to an existing facility. It is my opinion that the proposed actions fall within the scope of the RHIC Environmental Assessment, DOE EA #0508. 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, R. Lee, E. Lessard, C. Polanish (DOE-BHSO), M. Van Essendelft
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