

SEP-DEPA-1992

AUG 25 1992



Department of Energy
Brookhaven Area Office
Upton, New York 11973

August 24, 1992

msd

sent 08/26/92
cc: R. Luty
R. Duffey
D. Zimmerman

Dr. M. S. Davis
Associated Universities, Inc.
Brookhaven National Laboratory
Upton, New York 11973

Dear Dr. Davis:

SUBJECT: NEPA APPROVAL PROJECTS

Attached is the Section D NEPA Determination of Categorical Exclusion for the following projects:

- High Temperature Hydrogen Test Facility at NBTF
- G -2 at AGS

This NEPA approval completes the NEPA process for this project. Any funding authorizations must be submitted through normal procedures.

If you have any questions, please contact me at extension 3430, or John Searing at extension 7982.

Sincerely,

Michael A. Butler, Chief
Engineering and Technical
Management Branch

Enclosure:
As stated

cc: T. G. Sperry, BNL, w/encls.

SECTION D DETERMINATION ¹

PART A -- CATEGORICAL EXCLUSION

The following is a record of documentation required under DOE Final NEPA regulation, 57FR15122-15159, Friday, April 24, 1992, Subpart D, and SEN-15-90 to establish that an action may be categorically excluded from further NEPA review. This form is to be completed by NCO for signature by CH-OM.

CATEGORICAL EXCLUSION (CX) DETERMINATION

Proposed Action: **Modifications to ventilation at Neutral Beam Test Facility (NBTF), installation of magazine, high temperature hydrogen test apparatus, and research and development.**

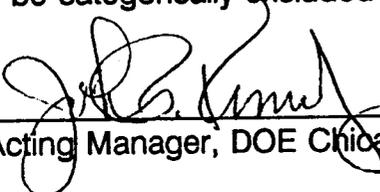
Laboratory/Site: **Brookhaven National Laboratory**

Proposed by (if other than DOE):

Description of proposed action: **Project would upgrade portions of the existing ventilation system at NBTF for use with this experiment. No radiation is associated with this experiment. Existing air permits will be modified for release of combustion products (CO₂ and H₂O). The facility is located approximately 20 feet below grade with approximately 10 feet of cover. All soil is previously disturbed. A small OSHA approved explosives magazine will be built outdoors at the required setback distance. R&D work will examine temperatures and pressures associated with hydrogen detonations in an ASME approved pressure vessel.**

CX to be applied (from Subpart D, DOE Final NEPA Regulation): **B3.10 Small scale R&D/small scale pilot projects at existing facility, preceding demonstration, with minor facility modifications.**

I have determined that the proposed action meets the requirements for the Categorical Exclusion referenced above. Therefore, I have determined that the proposed action may be categorically excluded from further NEPA review and documentation.

Signature:  Date: 7/24/92
Acting Manager, DOE Chicago Field Office

¹ **NOTE:** Determinations of the CH Manager made under the authority of SEN-15-90 are to be transmitted to EH-25 with a copy to cognizant Program Secretary Officer.

SECTION D DETERMINATION ¹

PART A -- CATEGORICAL EXCLUSION

The following is a record of documentation required under DOE Final NEPA regulation, 57FR15122-15159, Friday, April 24, 1992 Subpart D, and SEN-15-90 to establish that an action may be categorically excluded from further NEPA review. This form is to be completed by NCO for signature by CH-OM.

CATEGORICAL EXCLUSION (CX) DETERMINATION

Proposed Action: **Repair and Replacement of Beamline components at AGS (G-2)**

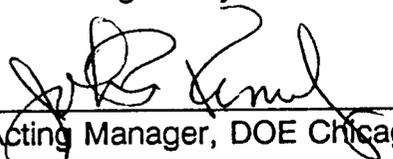
Laboratory/Site: **Brookhaven National Laboratory**

Proposed by (if other than DOE):

Description of proposed action: **Project would replace a previously existing beamline for use with the G-2 project. The area to be repaired is a combination of indoor facility and outdoor concrete paved area and is within the existing AGS complex. It has been previously disturbed. This exclusion would also cover the small scale R&D efforts of the project. It does not change the operating parameters of the AGS.**

CX to be applied (from Subpart D, DOE Final NEPA Regulation): **B1.3: Routine Maintenance ... for buildings, infrastructure, and equipment.**

I have determined that the proposed action meets the requirements for the Categorical Exclusion referenced above. Therefore, I have determined that the proposed action may be categorically excluded from further NEPA review and documentation.

Signature:  Date: 7/29/92
Acting Manager, DOE Chicago Field Office

¹ **NOTE:** Determinations of the CH Manager made under the authority of SEN-15-90 are to be transmitted to EH-25 with a copy to cognizant Program Secretary Officer.