

**U. S. DEPARTMENT OF ENERGY
FINDING OF NO SIGNIFICANT IMPACT**

FINAL ENVIRONMENTAL ASSESSMENT - The United States Department of Energy (DOE) has prepared an environmental assessment (EA) for the Atmospheric Radiation Measurement Cloud and Radiation Testbed (ARM/CART), North Slope of Alaska and Adjacent Arctic Ocean. The purpose of the ARM/CART program is to collect and analyze atmospheric data for the development and validation of global climate change models. The program involves construction of several small facilities and operation of sensing equipment. The EA analyzes the impacts on land use, tundra, air quality, cultural resources, socioeconomics, and wildlife. Separate studies (summarized in the EA) were also conducted to ensure that the operation of the facilities would not adversely affect wildlife. The EA further discusses environmental justice, noise, and cumulative issues. For a detailed description of the proposed action and its environmental consequences, refer to the EA.

FINDING - Based on the EA that analyzes the consequences of the relevant issues of environmental concern and the concerns of the stakeholders, the United States Department of Energy (DOE) finds that there would be no significant impact from proceeding with its proposal to conduct the ARM/CART program. DOE makes this Finding of No Significant Impact pursuant to the National Environmental Policy Act of 1969 (NEPA); 42 U.S.C. § 4321, et seq., the Council on Environmental Quality Regulations for Implementing the Procedural Provisions of NEPA, 40 C.F.R. Part 1500; and the DOE National Environmental Policy Act Implementing Procedures, 10 C.F.R. Part 1021. The proposed action does not constitute a major federal action that would significantly affect the human environment within the mandate of NEPA. Therefore, no environmental impact statement is required for this proposal.

Issued this 27th day of February, 1997.



Michael J. Zamorski
Area Manager, Kirtland Area Office

Finding of No Significant Impact: Atmospheric Radiation Measurement Cloud and Radiation Tesbed, North Slope of Alaska and Adjacent Arctic Ocean (DOE-EA-0973)

Single copies of the Environmental Assessment may be obtained from:

Michael J. Zamorski
Area Manager, Kirtland Area Office
U. S. Department of Energy
P. O. Box 5400
Albuquerque, NM 87185-5400
(505) 845-5541

FOR FURTHER INFORMATION ON THE NEPA REVIEW PROCESS, CONTACT:

Jeff Robbins, NEPA Compliance Officer
Department of Energy Albuquerque Operations Office
P. O. Box 5400
Albuquerque, NM 87185-5400
(505) 845-4426