

MEMORANDUM OF AGREEMENT

THE NUCLEAR REGULATORY COMMISSION

AND

THE NATIONAL INSTITUTE OF MENTAL HEALTH, ADAMHA

A. Description of Services

The Division of Biometry and Epidemiology, National Institute of Mental Health (NIMH) is in the process of investigating the long term effects of the Three Mile Island accident through support of Grant No. MH35425. It is an expansion of an NIMH contract to study the mental health of mothers living within 10 miles of the plant and workers at the plant. In response to a court decision, the NRC has begun the process of preparing an environmental assessment of the effects of a possible TMI-1 restart on the psychological health of the residents and of the well-being of the communities in the TMI neighborhood. As part of this process, NRC funds are being transferred to NIMH for the purpose of supplementing Grant No. MH35425 to allow for analyses of data as detailed below.

B. Modification of Research Plan

Special analyses will be carried out with data collected by the Psychiatric Epidemiology Program at the University of Pittsburgh since 1979. Two sets of data will be analyzed. The first was collected under a contract from NIMH (Contract No. 278-79-0048 LSM). It consists of two waves of interviews (December 1979 and January 1980, and April 1980) focused on the mental health of mothers living within ten miles of Three Mile Island (TMI), workers of the plant, and mental health patients residing within ten miles of TMI. Their mental health was compared with that of their counterparts in Western Pennsylvania living near or working at the Shippingport-Beaver Valley nuclear plants. Special analyses for the NRC will address the issues of identifying risk factors associated with extreme responses to the stress of the accident and identifying

characteristics of persons who perceive TMI and/or nuclear power as unsafe. The specific form which these analyses will take will be determined at a meeting with representatives of the NRC and other investigators involved in research pertaining to the accident.

A second set of analyses will be conducted in the early autumn on data collected from mothers and workers in the fall 1981, under Grant No. MH35425-01. These data include a comprehensive set of questions pertaining to the situation at TMI, including questions related to the restart of the undamaged reactor. The primary focus of these analyses will be on identifying characteristics of people with long-term disability associated with the accident (i.e., in poor mental health since the first interview without a prior history of mental illness predating the accident), examining data pertaining to people's perceptions of the situation at TMI, and relating perceptions of TMI to mental health. Once again, the specific focus of these analyses will be determined at a meeting with representatives of the NRC and other investigators involved in research on TMI's effects. It is anticipated that the work outlined above will be completed by September 30, 1982.

C. Reporting

Type of and frequency of reports are to be determined at meetings to be held between the Principal Investigator of MH35425 and NRC staff.

D. Reimbursement

Reimbursement to the NIMH by SF 1081 (lump sum payment) is for an amount not to exceed \$36,386 to be used to supplement NIMH Grant No. MH35425 which, in turn, will allow research staff at the University of Pittsburgh to perform needed computer runs and undertake the additional data analyses.

NIMH Accounting Data: 7521361CANC969749

NRC Accounting Data: B&R Symbol - 20-19-10-11-2
FIN Number - B-8621

E. Duration of Agreement

This agreement will remain in effect from the effective date until amended by mutual consent or until terminated by either party upon 30 days written notice.


F. Project Officers

Ben Z. Locke, Chief, Center for Epidemiologic Studies, DBE, will serve as the NIMH Project Officer and William H. Regan, Jr. will serve as the NRC Project Officer.

G. Authority

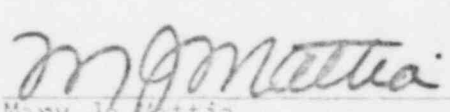
This agreement is made in accordance with the authority of the Economy Act of 1932 as amended, 31 U.S.C. 686, Section 301 of the Public Health Service Act, 42 U.S.C. 241, and Section 205 of the Energy Reorganization Act of 1974, 42 U.S.C. 5845.

Approved:



Herbert Pardes, MD
Director
National Institute of Mental Health

Date: 7/20/82



Mary Jo Mattia
Contracting Officer
U.S. Nuclear Regulatory Commission

Date: 7/14/82