

Grant Number and Grantee	Date of Award*	FY81 Duration of Grant	Program Description
NRC-G-04-81-001, American Nuclear Society	1/26/81	thru 7/31/82	Support of the Nuclear Reliability Evaluation Program
NRC-G-04-81-004, Harvard University	5/5/81	thru 5/31/83	Planning for Nuclear Emergencies
NRC-G-04-81-005, IEEE, Inc.	3/11/81	thru 12/31/82	Development of a Methodology for Systematic Probabilistic Risks Assessment of Nuclear Power Plants
NRC-G-04-81-007, Howard University	8/5/81	thru 12/31/82	Natural Convection Heat Transfer in Spent Breeder Fuel Shipping Configurations
NRC-G-04-81-008, Colorado State University	6/15/81	thru 9/30/82	Geomorphic Aspects of Nuclear Waste Disposal
NRC-G-04-81-009, State of Oregon	9/18/81	thru 8/31/82	Geologic and Tectonic Evaluation of North-Central Oregon
NRC-G-04-81-012, Bowie State College	8/5/81	thru 7/31/82	The Effects of Complexation of Metal Ions by Monobutyl and Dibutyl Phosphate in Simulated Nuclear Waste Solutions
NRC-G-04-81-013, Welding Research Council	6/19/81	thru 6/15/82	Acceptance Criteria of Weld Defects for Elevated Temperature Service
NRC-G-04-81-014, State Univ. of New York, Stony Brook	9/14/81	thru 8/31/83	A Study of Effects of Grid Spacers and Blockage on Mist Cooling during LOAC Reflood of PWR

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NRC-G-04-81-015, Univ. of Alabama	9/9/81	thru 9/15/82	Studies of Cretaceous and Paleozoic Faulting in Northwest Alabama
NRC-G-04-81-016, Univ. of Illinois	9/9/81	thru 9/30/83	Structural Geology in the Vicinity of the Shaneetown Fault Zone, Southeastern Illinois
NRC-G-04-81-017, Indiana University	6/23/81	thru 9/30/83	A Study of Faulting In and Near Surface and Underground Mines in Southwestern Indiana
NRC-G-04-81-018, Univ. of Kentucky	6/23/81	thru 9/30/83	Geologic Studies of the Faults and Terraces of Central and Western Kentucky
NRC-G-04-81-020, Northwestern University	9/9/81	thru 8/1/83	Study of Steam Water Flows
NRC-G-04-81-021, Univ. of Maryland	8/5/81	thru 8/31/83	A Study of Countercurrent Two Phase Flow in Horizontal Pipes
NRC-G-04-81-022, Ohio State University	9/29/81	thru 9/30/82	Development of an In-Situ Method for Testing of Neutron Sensors Used in Nuclear Power Reactor Protection Systems
NRC-G-04-81-023, National Academy of Sciences	9/30/81	thru 9/30/82	Partial Support of the Committee on Seismology
NRC-G-04-81-024, Pennsylvania State University	9/25/81	thru 9/30/82	Experimental Phase of the Development of a Non-Invasive Liquid Level and Density Gauge for Nuclear Power Reactor Vessels

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NRC-G-04-81-025, U.C.L.A.	9/16/81	thru 9/30/83	Degraded Core Heat Transfer
NRC-G-04-81-026, Univ. of Missouri-Columbia	9/23/81	thru 9/30/82	Condensation and Evaporation Rates for Nuclear Aerosols: Fission Product Release and Hydrogen Mitigation
NRC-G-04-81-027, Univ. of Houston	9/18/81	thru 9/30/83	Process of Droplet Deposition in Two Phase Gas-Liquid Flow: Analysis of Mechanism and Modelling
NRC-G-04-81-028, M.I.T.	9/30/81	thru 9/30/82	Fundamental Problems in Modelling BWR Containment Systems Flows
NRC-G-04-81-029, National Council on Radiation Protection and Measurements	9/22/81	thru 9/30/82	Formulation of Recommendation on Radiation Protection and Measurement Related to the Technology Base Needed to Assess the Safety of Nuclear Power
NRC-G-04-82-005, M.I.T.	4/29/82	thru 9/30/82	Variance Propagation in Fault Trees
NRC-G-04-82-006, Purdue Research Foundation	8/3/82	thru 4/30/84	Gas Release Mechanisms in UO <sub>2</sub>

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