

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

March 3, 1975

ACRS Members

ACRS CONSULTANTS AND PERSONS ASSIGNED TO ASSIST THE COMMITTEE

Attached is a current list of ACRS consultants and persons who have been assigned to assist the Committee. Addresses, organization with which they are affiliated, the area in which they are assisting the Committee, and their conflicts of interest are indicated. Necessary action is being taken to have the following additional consultants appointed.

<u>Name</u>	<u>Affiliation</u>	<u>Area In Which Assisting ACRS</u>
Dr. Sam C. Saunders	Wash. State Univ.	Mathematical Statistics, Systems Reliability and Fault-tree Analysis
Dr. Ivan Catton	Univ. of Calif.	Heat Transfer and Fluid Mechanics, in particular natural convection
Dr. Milton Plesset	Calif. Inst. of Tech.	Fluid Mechanics, Heat Transfer, and Diffusion of Particulate Matter Including Radioactive Materials
Dr. Richard Wilson	Harvard Univ.	High Energy Physics, Nuclear Physics and Environmental Effects of Energy as well as Risk Analysis
Mr. S. H. Woodcock	Detonics Corp.	Plant Security
Dr. Michael Stevenson	LASL	Computer Codes re: Core Disruptive Accidents
Dr. Lloyd Ames	BNWL	M. C. Gaske, Assistant Executive Secretary Resonance Retention + Transport in post-accident structure
Mr. Basil Mercer	BNWL	"

ACRS CONSULTANTS WITH A FC L LETTER OF APPOINTMENT

NAME ADDRESS

AFFILIATION

AREA IN WHICH ASSISTING ACRS

CONFLICT

BALENTINE, MR. JERE M.

TVA

Plant Security

[REDACTED]

TVA - may be used on projects of a general nature. May also be used on other items, such as project reviews, at the discretion of the Sbcte. Chairman

BEHMENT, PROF. ARDEN L.

Mass. Inst. of Tech.

Radiation Effects on Core & Fuel & Clad Behavior Through Cooling

[REDACTED]

BMI (for matters where he directly participated) B&W, Teledyne

BENEDICT, DR. MANSON

Mass. Inst. of Tech.

Nuclear Engineering

[REDACTED]

Atlantic Richfield, Cleveland Elec. & Illuminating, Commonwealth Edison, duPont, GE, NUS, PG&E, LMFBR Damo

CASTLEMAN, DR. A. W., JR.

Brookhaven Natl. Lab.

Fission Product Release & Transport

[REDACTED]

BNL

CORTEN, PROF. HERBERT T.

Univ. of Illinois

Fracture Mechanics, Reactor Vessel Design & Operating Conditions

[REDACTED]

Univ. of Ill., ORNL

D'APPOLONIA, DR. ELIO

E. D'Appolonia Assoc.

Soils, Foundations & Structures

D'Appolonia Consulting Engineers, Inc.

[REDACTED]

<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
DUKIER, DR. ABRAHAM E. [REDACTED]	Univ. of Houston	Heat Transfer, Fluid Flow, ECCS Analysis	Univ. of Houston
EBERSOLE, MR. JESSE C. [REDACTED]	TVA	Electrical Systems, Safety Feature Reliability and Design Philosophy	TVA - may be used on projects of a general nature. May also be used on other systems, such as project re- views, at the dis- cretion of the Scete. Chairman
Note: 6-month assignment to Univ. of Calif - Sept. 74-Mar. 1975 - [REDACTED]			
EMMONS, MR. WALTER F. [REDACTED]	Retired	Util. Executive (Civil Engrng.)	TVA
EPLER, MR. ELBERT P. [REDACTED]	Retired from ORNL	Instrumentation & Controls, ATWS	ORNL, Union Carbide, FFTF, LMFBR
ETHERINGTON, MR. HAROLD [REDACTED]	Retired	Nuclear Engineering, Reactor Pressure Vessel Design & Reliability	ORNL, Union Carbide, Commonwealth Assoc., AFNETP, Enrico Fermi 1, LACMWB, LITR, MIT, ORR, Three Mile Island Stn. (where coolant pump motors & fly- wheels are concerned), ANCS (Platform Mounted Nuclear Plant), NBS

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<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
GARLID, DR. KERMIT [REDACTED]	Univ. of Washington	Two-phase flow and Computer Model Development, ECCS Design, LOCA Analysis	Atlantic Richfield
GIFFORD, DR. F. A., JR. [REDACTED]	National Oceanic & Atmospheric Adm.	Meteorology, Atmospheric Diffusion	NOAA
GOLDIN, DR. ABRAHAM S. [REDACTED]	Radiation Management Corp.	Radioactive Waste Management Radiological Health and Related Areas	Radiation Mgmt. Corp.
HALL, DR. JANE H. [REDACTED]	Retired	Neutron Physics	Texas Utilities LASL

<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
KOFFMAN, MR. EUGEN [REDACTED]	Retired	Mechanical Engineering	LAMP, EXXON, FUGRO, Inc., San Joaquin
LOQUE, MR. FRANCIS L. [REDACTED]	Retired (Note: Univ. of Cal. San Diego, PO Box 1529, LaJolla, CA 92037 Phone: 8-0-714-452-2853 -thru 3/31/75)	Metallurgy & Corrosion of High Nickel Alloys	International Nickel Co. Palladium (Consumers) Bechtel
LEENDERTSE, DR. JAN J. [REDACTED]	Rand Corporation	Breakwater Design and Behavior, Dynamics of Fluid Flow, Simulation of Fluid Flow Effects	Rand Corp.
LOEDING, MR. JOHN W. [REDACTED]	American Gas Inst.	Chemical Processing Plant Design and Operation A	Where participated on ANL projects
MACCREADY, DR. PAUL B., JR. [REDACTED]	AeroVironment, Inc.	Meteorology - Windspeeds for Reactor Design and Dispersion/Diffusion Effects	AeroVironment, Inc.
MANDEL, PROF. THILIP [REDACTED]	MIT	Barge Design and Sea Worthiness	Aerojet Corp. General Dynamics

<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
MAXWELL, DR. JOHN C. [REDACTED]	Univ. of Texas	Geology	Texas Utilities
MORGAN, DR. KARL Z. [REDACTED]	Retired from ORNL Georgia Inst. of Tech.	Health Physics	ORNL
NICHOLSON, MR. RICHARD B. [REDACTED]	EXXON Nuclear Co., Inc.	Past Breeder Reactors (Nuclear Excursions)	EXXON, ANL
O'KELLY, DR. ARLIE A. [REDACTED]	Retired	Chemical Engineering Chemical Plant Design and Operation, Hydrogen Generation and Control	Americal Elec. Power, Cleveland Electric, Southern Company
OLIVER, DR. JACK F. [REDACTED]	Cornell University	Seismology, Geophysics, Geology	Union Carbide, EXXON, Allied Chemical, GE, B&W
PAGE, DR. BENJAMIN M. [REDACTED]	Stanford University	Geology	Stanford Univ.

<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING AGRS</u>	<u>CONFLICT</u>
PALLADINO, DEAN MAZZIO J. [REDACTED]	The Penn. State Univ.	Nuclear Engineering	Penn State, Saxon, Scientific Systems, Inc.
PARKER, DR. FRANK L. [REDACTED]	Vanderbilt University	Radioactive Waste Mgmt.	Atlantic Richfield
PENSE, PROF. ALAN W. [REDACTED]	Lehigh University	Metallurgy (High Alloy Steels) Fracture Mechanics, Reactor Pressure Vessel Reliability	Lukens Steel Corp.
PHILBRICK, DR. SHAILER S. [REDACTED]	Retired	Geology	Cornell University
PLAINF, MR. HERZEL H. F. [REDACTED]	U.S. Government	Legal	None

<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
WACHLEN, DR. FREDRIC [REDACTED]	Calif. Inst. of Tech.	Water Waves & Effects	Calif. Inst. of Tech.
REETHOF, DR. GERNARD [REDACTED]	Penn. State Univ.	Reliability Engineering Accident Probability	Penn State Univ. GE
RICHART, DR. FRANK E. [REDACTED]	Univ. of Michigan	Soils Engineer	Univ. of Mich.
ROBERTS, DR. NORMAN H. [REDACTED]	Univ. of Washington	Reliability Engineering Accident Probability	Univ. of Washington
SEALE, DR. ROBERT J. [REDACTED]	Univ. of Arizona	Nuclear Engineering	Univ. of Arizona LASL

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<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
SEED, DR. H. BOLTON [REDACTED]	Univ. of Calif.	Geology, Seismology, Soil Liquefaction (Soils Engineer)	Univ. of Calif., So. Calif. Edison, Bechtel, State of Calif., LADWP, Dames & Moore, Stone & Webster, Met. Water Dist. of So. Calif.,
SHEWMON, DR. PAUL G. [REDACTED]	National Science Fdn.	Physical Metallurgy, Surface & Volume Diffusion, Thermo- dynamics of surfaces, Kinetics of Reactions in Solids	ANL
SLEBERT, DR. CLARENCE A. [REDACTED]	Retired	Metallurgy, Reactor Pressure Vessel Design	Gulf General Atomic
SOZEN, DR. METE A. [REDACTED]	Univ. of Illinois	Concrete Structures	Univ. of Illinois
SQUIRES, MR. LOWARD [REDACTED]	Retired	Reactor Engineering	du Pont, Jersey Nuclear, Northern States Power, EXXON
STEINBRUGGE, MR. KARL V. [REDACTED]	Univ. of California	Engineering Design of Structures to Seismic Loading	Pacific Power & Light Co., Pacific Lighting; Union Carbide, Potomac Electric, Tenneco

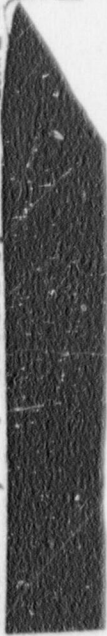
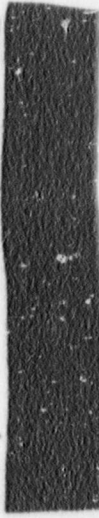
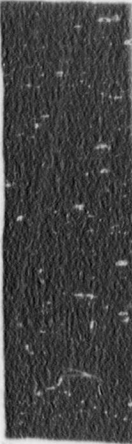
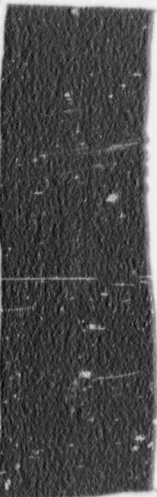
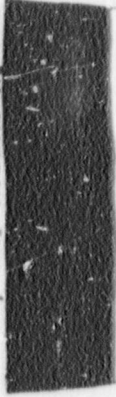
MAR 3 1975

NAME	ADDRESS	AFFILIATION	AREA IN WHICH ASSISTING ACRS	CONFLICT
SIEGEL, DR. SIDNEY	[REDACTED]	Retired from ORNL	Fast Reactors, High Temperature Materials, and Sodium Reactors	ORNL Atoms Intl. TVA
SWANSON, MR. A. EINAR	[REDACTED]	Black & Veatch	Reactor Operations	Black & Veatch
TETELMAN, DR. ALAN S.	[REDACTED]	Univ. of California	Fracture Characteristics of Steel & Other Materials, Reactor Pressure Vessel Design	Failure Analysis Associates
THEOFANOUS, PROF. THEOFANIS G.	[REDACTED]	Purdue University	Fluid Flow & Heat Transfer ECCS Analysis, Pressure Suppression, Containment Systems Analysis	Purdue Univ., ANL
THOMPSON, DR. GEORGE A.	[REDACTED]	Stanford University	Geophysics, Geology, and Seismology	Stanford Univ.
TRIFUNAC, DR. MIHAILO D.	[REDACTED]	Calif. Inst. of Tech.	Seismology	Calif. Inst. of Tech.

MAR 3 1975

<u>NAME - ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
WHITE, DR. MERIT P. [REDACTED]	Univ. of Mass.	Performance of Materials and Structures Under Seismic Loadings	Northeast Utilities Central Maine Power
WILDING, MR. JOHN D. [REDACTED]	Private Consultant	Pressure Vessel Code Requirements	ASME
WILSON, DR. BASIL W. [REDACTED]	Private Consultant	Oceanographic Engineering	So. Calif. Ed. Co., FUGRO, Inc., PG&E, PRWRA
WILSON, DR. JAMES T. [REDACTED]	Univ. of Michigan	Seismology-Geophysics	Univ. of Michigan
ZUDANS, DR. ZENONS [REDACTED]	Franklin Institute	Mechanical Design, Prestressed Concrete Pressure	Franklin Institute

List the following pages are the names of persons the ERDA Laboratories and contractors and Governmental agencies who have been assigned to assist Committee on specific projects or on an as needed basis. These individuals are not required to fill out financial interest forms. They, however, have been asked to report any potential conflicts of interest when they are given an assignment by the Committee. Conflicts of interest are indicated for these individuals in those cases where they have reported a conflict.

<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
ALLEMANN, DR. RUDOLPH T. 	BNWL	Blowdown Heat Transfer and Fluid Swell, ECCS Analysis	Limited to projects of a general nature from which no preference or ad- vantage over others might be gained by any particular person or organization
BAIR, DR. WILLIAM J. 	BNWL	Biological Effects of Pu	
BELL, DR. GEORGE I. 	IASL	Fast Reactor Physics	
BENNETT, MR. CARL A. 	BMI	Reliability Engineering	Limited to projects of a general nature from which no pref- erence or advantage over others might be gained by any parti- cular person or organization
BRYAN, MR. ROBERT H. 	ORNL	Reactor Siting	

NAME & ADDRESS

AFFILIATION

AREA IN WHICH ASSISTING ACRS

CONFIDENTIAL

ROLAND, MR. JAMES F.

ANL-Idaho Facility

Instrumentation & Control Systems

CARRIENER, MR. WAYNE A.

BMI - Columbus

LOCA Blowdown Heat Transfer

GOCHAN, DR. FREDERICK P.

BNL

Radiological Health; Rad-waste Handling

CROACH, MR. JESSE W.

du Pont

Reactor Engineering

DANIELS, DR. RAYMOND

N.C. State College
(Dept. of Agriculture)

Soils Scientist

DITTO, MR. STEVE

Oak Ridge Natl. Lab.

Instrumentation

Limited to projects of a general nature from which no preference or advantage over others might be gained by any particular person or organization

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<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
DURANT, MR. WILLIAM S. [REDACTED]	du Pont	Reactor Engineering	
EVANS, DR. DENNIS E. [REDACTED]	Aerojet Nuclear Co.	ECGS, LOCA Heat Transfer	
FAUSKE, DR. HANS K. [REDACTED]	Argonne Natl. Lab.	Core-Thermal-Hydraulics	
FONTANA, MR. MARIO H. [REDACTED]	Oak Ridge Natl. Lab.	Fuel Failure Propagation	
FOSTER, DR. RICHARD F. [REDACTED]	BNWL	Aquatic Biologist	BNWL
FUQUAY, MR. JAMES J. [REDACTED]	BNWL	Meteorology	
HALL, DR. DAVID B. [REDACTED]	LASL	Nuclear Physics	Bechtel, BGM, Consumers Power Co.

CONFLICTAREA IN WHICH ASSISTING ACRSAFFILIATIONNAME & ADDRESS

Radiological Health
Radwaste Handling

LASL

HEALY, DR. JOHN W.
[REDACTED]

Instrumentation & Control

LASL

MELMICK, DR. HERBERT H.
[REDACTED]

Blowdown Heat Transfer and
Spray System Technology

WADCO

HILLIARD, MR. ROBERT R.
[REDACTED]

Fuel Failure Propagation

ANL

WINS, MR. RICHARD D.
[REDACTED]

Instrumentation & Control
Systems, Design Reliability

ANL

LIPINSKI, DR. WALTER C.
[REDACTED]

Reactor Operation & Testing

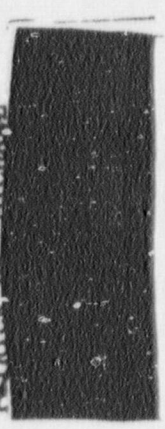
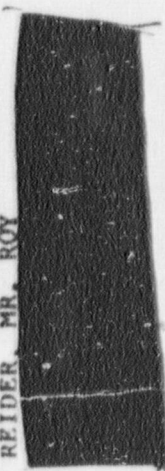
du Pont

DIST, MR. JAMES A.
[REDACTED]

MAR 3 1975

<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
LOSS, MR. FRANK [REDACTED]	Naval Research Lab.	Fracture Mechanics	
LOTTE, DR. PAUL A. [REDACTED]	ANL	Core Thermal Hydraulics	
MCCLAINE, MR. H. [REDACTED]	ORNL	Reactor Safeguards Spray Systems	
MATHIEU, CAPT. CHARLES E. [REDACTED]	U.S. Coast Guard	Barge, Mooring System & Breakwater for Barge-Mounted Nuclear Power Plants	
MIRSHAK, MR. SAMUEL [REDACTED]	du Pont	Reactor Engineering	
MORRISON, DR. DAVID L. [REDACTED]	BML-Columbia	LOCA	Decade

<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
NELSON, DR. DANIEL J. [REDACTED]	ORNL	Aquatic Ecology	
NICHOLSON, DR. WESLEY [REDACTED]	BNNL	Reliability Engineer and Statistician	
NOLAND, MR. ROBERT A. [REDACTED]	ANL	Welding	
ORTH, DR. DON A. [REDACTED]	du Pont	Chemical Processing Plant Design & Operation	
PARKER, MR. HERBERT M. [REDACTED]	BNNL	Health Physics	
PARSLY, MR. LEWIS F., JR. [REDACTED]	ORNL	Spray Systems Technology	

<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
PETERSON, DR. ROLF E. 	LASL	Nuclear Physics	
PETRICK, DR. MICHAEL 	ANL	Core Thermal-Hydraulics	
REIDER, MR. ROY 	LASL	General Safety Matters	
ROW, MR. THOMAS H. 	ORNL	Spray System Technology	
RUSSELL, MR. JOHN H. 	LASL (on loan to Defense Intell. Agency until 9/76)	Fast Reactors, Nuclear Transient Effects	
[Redacted] [Redacted]	Argonne Nuclear, Idaho	ECOS, Code Development	

<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
SOLBRIG, DR. CHARLES W. [REDACTED]	Aerojet Nuclear, Idaho	ECCS, Code Development	
STEINDLER, MR. MARTIN J. [REDACTED]	ANL	Chemical Processing Plant Design & Operation	
WAMBSGANSS, MR. MARTIN W. [REDACTED]	ANL	Vibration of Reactor Internals	
YBARRONDO, DR. LAWRENCE [REDACTED]	Aerojet Nuclear, Idaho	LOCA, ECCS, Code Development	
ZALOUDEK, DR. FRANK [REDACTED]	BNWL	Heat Transfer, ECCS Analysis, Pressure Suppression Containment Systems Analysis	
ZITTEL, MR. H. E. [REDACTED]	ORNL	Reactor Safeguards Spray Systems	

NRC Employees Assigned to Assist ACRS

<u>NAME & ADDRESS</u>	<u>AFFILIATION</u>	<u>AREA IN WHICH ASSISTING ACRS</u>	<u>CONFLICT</u>
VESELY, DR. WILLIAM Reactor Safety Research	RSR - NRC	Statistical Evaluation of Pressure Vessel Reliability Accident Probability	

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321.B LISTING OF ACRS CONSULTANTS BY AREAS OF EXPERTISE

Aquatic Radiological Sciences

Foster, Dr. Richard F.
Nelson, Dr. Daniel J.

ATWS

*Epler, Mr. Elbert P.

Barge Design

Mandel, Mr. Philip
Mathieu, Capt. Charles E.

Biological Effects of Pu

Bair, Dr. William J.
Richmond, Dr. Chester R.

Breakwaters, Coastal
Structures, and Wave Effects

Leendertse, Dr. Jan J.
*Mathieu, Capt. Charles E.
Raichlen, Dr. Frederic
Wilson, Dr. Basil W.

Chemical Engineering &
Chemical Processing Plants

Loeding, Mr. John W.
O'Kelly, Dr. A. A.
Orth, Dr. Don A.
Steindler, Dr. Martin J.

Civil Engineering

Emmons, Mr. W. F.

Concrete Pressure Vessels
and Structures

Sozen, Dr. Mete A.
Zudans, Dr. Zenon

Core Catcher Concepts

**Catton, Dr. Ivan
Croach, Mr. Jesse W.
Durant, Mr. William S.
Mirshak, Mr. Samuel

Corrosion Problems

LaQue, Mr. Francis L.

ECCS, Heat Transfer, and Fluid Flow

Alleman, Dr. Rudolph T.
Carbiener, Mr. Wayne A.
Dukler, Dr. Abraham E.
Fauske, Dr. Hans K.
Garlid, Dr. Kermit
Lottes, Dr. Paul A.
**Plesset, Dr. Milton
Shumway, Mr. Rex W.
Solbrig, Dr. Charles W.
Theofanous, Dr. T. G.
Ybarrondo, Dr. L.
Zalowdek, Dr. Frank

Electrical Systems

Ebersole, Mr. Jesse C.
*Epler, Mr. Elbert P.

Fast Reactors

Bell, Dr. George I.
Hall, Dr. David B.
Nicholson, Mr. Richard B.
Russell, Mr. John H.
Seale, Dr. Robert L.
Siegel, Dr. Sidney
*Stevenson, Michael G.

Fission Product Release & Transport

Castleman, Dr. A. W. Jr.

Fuel Failure Propagation

Fontana, Dr. Mario H.

General Safety Matters

Reider, Mr. Roy

Geology, Geophysics and
Seismology

Maxwell, Dr. John C.
Page, Dr. Benjamin M.
Philbrick, Dr. Shailer S.
Seed, Dr. H. Bolton
Steinbrugge, Mr. Karl V.
Thompson, Dr. George A.
Trifunac, Dr. Mihailo D.
White, Dr. Merit P.
Wilson, Dr. James T.

Health Physics and Radiological
Waste Management

Goldin, Dr. Abraham S.
Healy, Mr. John W.
Morgan, Dr. Karl Z.
Parker, Dr. Frank L.
Parker, Mr. Herbert M.

Instrumentation & Controls

Ditto, Mr. Stephen J.
*Epler, Mr. E. P.
Lipinski, Dr. Walter C.

Legal

Plaine, Mr. Herzel H. E.

Mechanical Engineering

Etherington, Mr. Harold E.
Koffman, Mr. Eugen
Palladino, Dean Nunzio J.
*Zudans, Dr. Zenon

Metallurgy & Reliability of
Primary Systems

Corten, Dr. Herbert T.
*Etherington, Mr. Harold E.
Loss, Mr. Frank
Noland, Mr. Robert A.
Pense, Dr. Alan W.
Shewmon, Dr. Paul G.
Tetelman, Dr. Alan S.

Meteorology & Atmospheric Diffusion

Fuguay, Mr. James J.
Gifford, Dr. Frank A.
MacCready, Dr. Paul B.

Nuclear Engineering

Benedict, Dr. Manson
*Croach, Mr. Jesse W.
*Durant, Mr. W. S.
*Etherington, Mr. Harold E.
*Mirshak, Mr. Samuel
*Palladino, Dean N. J.
*Seale, Dr. Robert L.
Squires, Mr. Lombard

Plant Security

Ballentine, Mr. Jere M.
**Woodcock, Mr. S. H.

Radiation Effects on Materials

Bement, Dr. Arden L.
*Siegel, Dr. Sidney

Reactor Physics

*Bell, Dr. George I.
*Hall, Dr. David B.
Hall, Dr. Jane H.
**Wilson, Dr. Richard

Reactor Operations

Swanson, Mr. A. Einer

Reliability Engineering

Bennett, Dr. Carl A.
Nicholson, Mr. Wesley
Reethof, Dr. Gerhard
Roberts, Dr. Norman H.
**Saunders, Dr. Sam C.
Vesely, Dr. William E.

Siting

Bryan, Dr. Robert H.

Soils, Soil Mechanics
& Foundations

D'Applonia, Dr. Elio
Daniels, Dr. Raymond B.
*Emmons, Mr. Walter F.
Richart, Dr. Frank E.
*Seed, Dr. H. Bolton

Spray Systems

Parsly, Mr. Lewis F. Jr.
Row, Mr. Thomas H.
Zittel, Mr. H. E.

Utility Executives

*Emmons, Mr. Walter F.
*Koffman, Mr. Eugen

Vibration Problems

Wambsganss, Mr. Martin W.

-
- * Listed under more than one category.
** In the process of becoming a consultant.

321.C Listing of Education, Experience, etc. of
ACRS Consultants--Annex to ACRS Procedural
Directives System
(See separate book of the same title as above)

In some cases, purchase orders are being issued to compensate persons for their assistance to the Committee prior to completion of the appointment of the individuals as ACRS consultants. OGC has advised that such persons should not be permitted to attend closed Subcommittee or full Committee meeting sessions before the appointment has been made.

The Administrative Asst. (Fiscal and Travel) (Bessie Dunder) should be informed of the names of prospective consultants being invited to ACRS meetings when their appointments as ACRS consultants have not yet been finalized. This is necessary in order that Purchase Orders may be issued by NRC to cover reimbursement for travel and personal services. The engineer making arrangements for such services should ensure, by checking with the Administrative Assistant (Fiscal and Travel) that the Purchase Order has been approved prior to the actual work and travel proposed.

Under the above circumstances, official use only, proprietary, and classified material should not be provided to the individual. They, of course, can receive proprietary information and attend proprietary sessions when representatives of other groups are present, such as the Regulatory Staff and vendors, if they have executed an appropriate agreement to protect the proprietary material involved.

Reports from these individuals should be handled in the same manner as consultant reports except in regard to two items. These reports should not be marked "Prepared for Internal Committee Use - Handle as Official Use Only", and deletions should not be made in the reports that are placed in the Public Document Room by the ACRS Office.

1. Contract * (example copy attached)
2. List of ACRS Members
3. Guide for Activities of Consultants with Attachments
 - (A) 10 CFR Part 9 Public Records,
 - (B) Control of Information for Official Use Only, Chapter and Appendix 2104
 - (C) Conduct of Employees, Chapter 4124
4. Employment of Consultants and Advisers, Appendix 4139
5. Distribution of ACRS Consultant Reports, R. F. Fraley Memo dated 5/9/72
6. AEC Press Release T-423, "AEC Advisory Committee Minutes Released, Additional Documents to be Made Public"
7. Travel Expense and Compensation Forms *

* Not provided to Consultants who do not have a Formal Letter of Appointment (e.g. Government contractor employees)