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 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Ga 05000275
 50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Ga 05000323
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 DENTON, H. R. Office of Nuclear Reactor Regulation, Director
 ENGELKEN, R. H. Region 5, Office of Director
 MANEATIS, G. A. Pacific Gas & Electric Co.

SUBJECT: Informs that CF Bergeron approved as replacement for JM Oddo as S&W lead nuclear technology engineer. Personnel change affects 3.2 & Figure 3-1 of Phase II program mgt plan. CF Bergeron resume encl.

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 TITLE: Diablo Canyon (50-275) Independent Design Verification Program

NOTES: J Hanchett 1cy PDR Documents, 05000275
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**TELEDYNE
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February 3, 1983

5511-267

Mr. G. A. Maneatis, Executive Vice-President
Pacific Gas and Electric Co.
77 Beale Street
San Francisco, California 94106

Mr. H. R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. R. H. Engelken, Regional Administrator
Region V
U. S. Nuclear Regulatory Commission
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

Subject: Revised SWEC Personnel Assignments

Gentlemen:

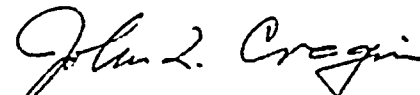
Due to the extended period of the IDVP, a personnel change in the SWEC Lead Nuclear Technology Engineer is necessary at this time. The initial scope of the nuclear technology discipline activity is now complete and additional verification requirements are being finalized.

TES project management staff has reviewed and approves of the assignment of Mr. Charles F. Bergeron as Lead Nuclear Technology Engineer. Mr. Bergeron will replace Mr. John M. Oddo who will return to his duties as Supervisor - Engineered Safety Systems and Analysis. This change in assignment affects 3.2 and Figure 3-1 of the Phase II Program Management Plan.

Mr. Bergeron's resume is attached for your review.

Very truly yours,

TELEDYNE ENGINEERING SERVICES



John Q. Cragin, P. E.
Manager, Project Administration

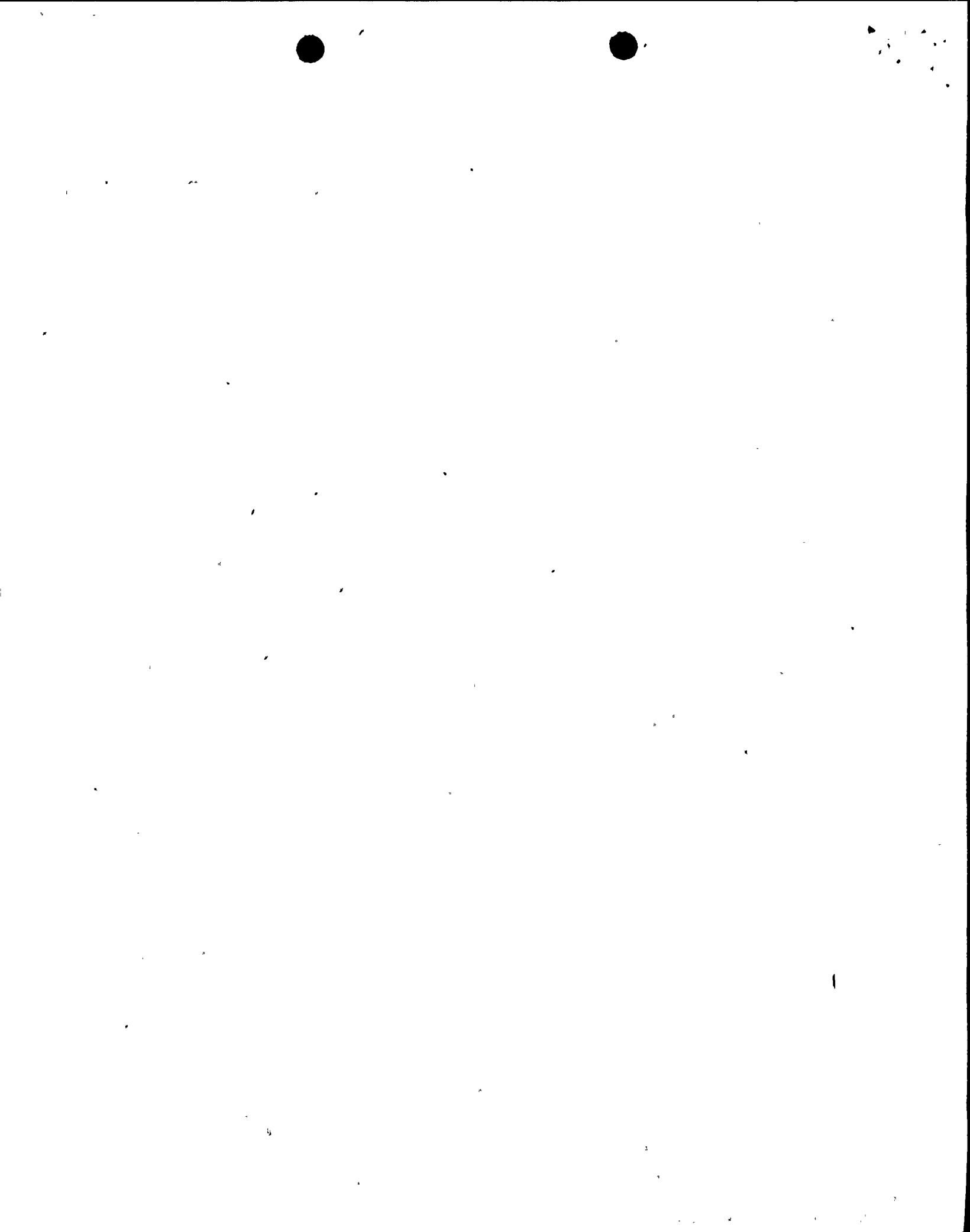
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Attachment

cc: R. R. Fray (PG&E)
H. Schierling (NRC)
E. Denison (RLCA)
R. F. Reedy (RFR)
F. Sestak (SWEC)
W. E. Cooper (TES)

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ENGINEERS AND METALLURGISTS



August 1982

BERGERON, CHARLES F.

SUPERVISOR
NUCLEAR TECHNOLOGY DIVISION

EDUCATION

Worcester Polytechnic Institute - Bachelor of Science in Electrical Engineering 1967

Various Bettis Atomic Power Laboratory Training Programs in Nuclear Power Propulsion Systems

Various Stone & Webster Continuing Education Courses and Management Workshops

LICENSES AND REGISTRATIONS

Professional Engineer - Massachusetts, Pennsylvania, Maine

EXPERIENCE SUMMARY

Mr. Bergeron has 15 years' experience in the nuclear and electric power industry. He is currently the Supervisor of Nuclear Safety and Upgrading in the Nuclear Technology Division. He is responsible for the review of regulatory requirements, safety system designs, evaluation of problem reports and operating plant events, and the technical coordination with various nuclear industry organizations.

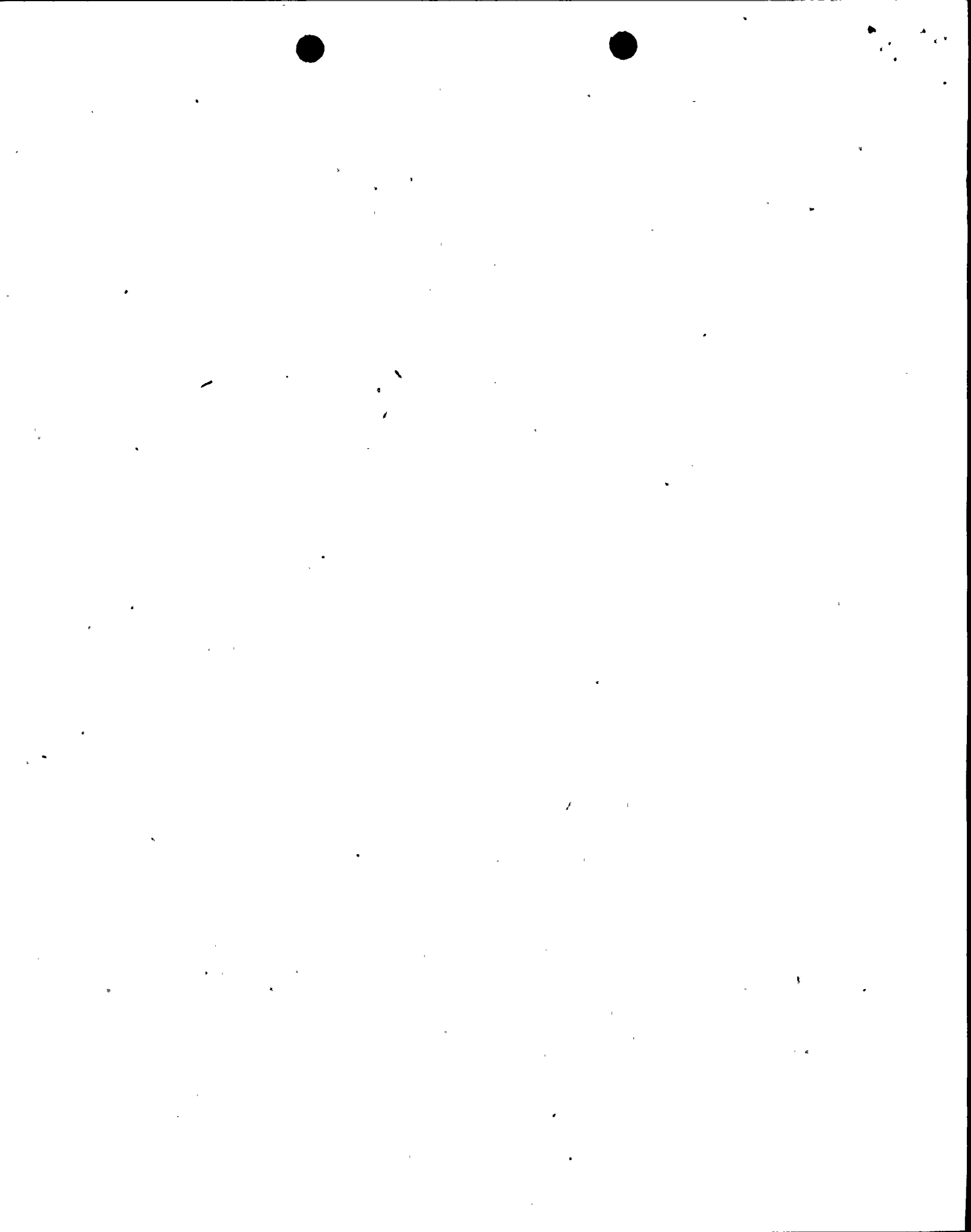
Since joining Stone & Webster Engineering Corporation (SWEC) in December 1970, he has been assigned to a 888 MWe pressurized water reactor plant project as Lead Control Engineer, a 400 MWe coal fired plant project as Supervisory Control Engineer, a multiple site project utilizing 1,200 MWe pressurized water reactor plants as Lead Control Engineer, a two unit 890 MWe pressurized water reactor plant project as Instrument Engineer and a 580 MWe supercritical once-through gas fired power plant as Field Engineer.

Special assignments have included a review of management systems development in the Engineering Systems Group; special projects work on solar and fluidized bed coal design proposals, and various nuclear and fossil power plant upgrading projects; design review staff for control systems for operating nuclear plant modifications; and Supervisor of the Nuclear Safety Group in the SWEC Task Force formed to review the Three Mile Island accident.

Prior to joining SWEC, Mr. Bergeron was a Field Engineer for the Bettis Atomic Power Laboratory. He was responsible for the technical direction of construction and testing of several nuclear propulsion plants for the Navy. He had responsibility for the mechanical, electrical, and radiological aspects of plant construction and nuclear testing and was a Joint Test Group member. He was also responsible for directing decontamination operations performed on nuclear primary systems and served as Bettis Technical Advisor.

PROFESSIONAL AFFILIATIONS

American Nuclear Society - Member, Northeast Section



CFB

PROFESSIONAL COMMITTEES

Atomic Industrial Forum - Control Rooms and Emergency Response Facilities

PAPERS

"Advances in Nuclear Power Plant Safety Status Monitoring," July 1982, by
E. A. Warman and C. F. Bergeron



DETAILED EXPERIENCE RECORD
BERGERON CHARLES F. 05363

STONE & WEBSTER ENGINEERING CORPORATION, BOSTON, MA (Dec 1970 to Present)

Appointments:

Supervisor, Nuclear Safety and Upgrading Group - November 1980
Senior Control Engineer - March 1978
Supervisory Control Engineer - February 1975
Control Engineer - November 1974

Nuclear Technology Division Staff (Nov 1980 to Present)

As SUPERVISOR of the Nuclear Safety and Upgrading Group, responsible for technical interpretation of NRC requirements for nuclear safety systems, establishment of company recommendations and procedures in nuclear safety and upgrading, and coordination of company participation with industry organizations in these areas.

Also responsible for reviewing system design changes to meet NRC - TMI Action Plan requirements, conceptual engineering of new systems and facilities to meet these requirements, and the evaluation of problem reports and significant events at operating nuclear plants. Responsibilities also include performing special studies and support of technology development efforts, assistance in establishing new business objectives, strategies and forecasts and the development of new market areas for nuclear technology.

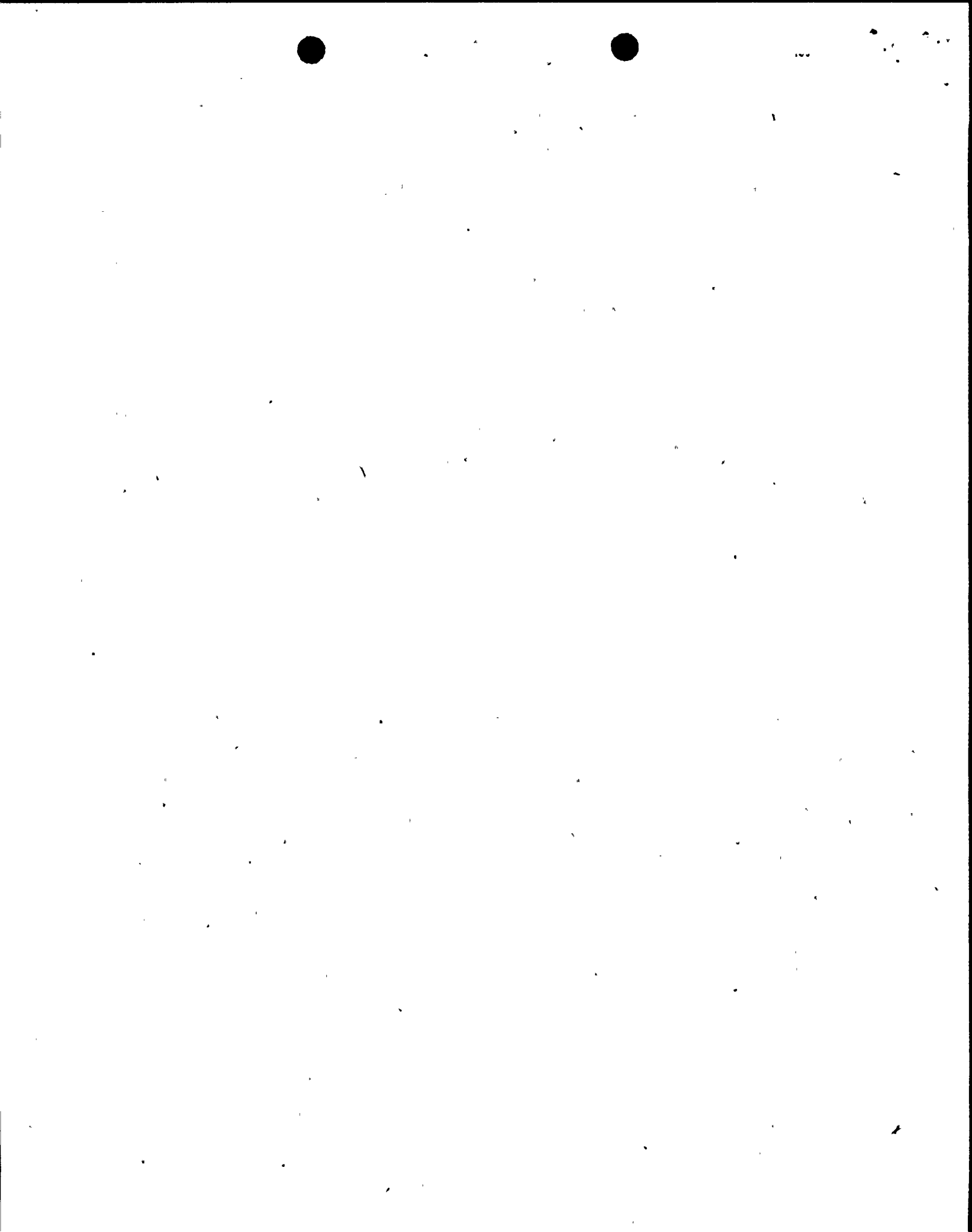
Staff of Director of Engineering, Nuclear Safety Group (Nov 1979-Oct 1980)

Assigned as the SUPERVISOR of the Nuclear Safety Group, responsible for the technical support of the Nuclear Safety Task Force formed as a result of the Three Mile Island accident. Responsibilities included the development of conceptual design approaches to specific POST-TMI requirements (e.g., post accident monitoring systems, technical support center, emergency operations facility, radiation monitoring systems, etc); the coordination of project actions within SWEC, including all operations centers; and the coordination of SWEC participation in TMI follow-up activities of the Atomic Industrial Forum, EPRI-Nuclear Safety Analysis Center & Institute for Nuclear Power Operations.

Special Projects (Jan 1979-Oct 1979)

Assigned as a SENIOR CONTROL ENGINEER, responsible for various tasks on nuclear, fossil, and advanced technology projects.

Assigned as a member on a Nuclear Safety Review Task Force formed to review and monitor the developments of the Three Mile Island incident. Duties included preparing systematic procedures and checklists for a Safety Improvement Review program for nuclear power stations.



Assigned as a Design Review Staff member for control system areas on operating plant reviews. Duties included review of major changes or additions to operating power plant systems for their impact on operator safety and reliability of service.

Other duties included preparing scope of work documents for fuel conversion projects, overseas power stations, solar powered electric generation projects and major system revisions, such as replacement of motor driven feed pumps with turbine driven pumps on nuclear units.

During this time, Mr. Bergeron was the Control Systems Division Specialist for instrument installation, including ASME III tubing and piping for instruments.

Engineering Management - Engineering Systems Group (Mar 1978-Dec 1978)

Assigned as a SENIOR CONTROL ENGINEER, responsible for review of Management Systems Development and user support. Work includes applying systems analysis in improving the existing systems and development of new ones to meet the needs of projects for control of engineering quality and cost. Areas being reviewed include engineering management systems, records management/document control, project equipment systems, analysis, and design programs, computer graphic systems, and computer data entry systems. The group is responsible for the development of new technologies and methods, and coordination of computer applications for engineering functions and project control.

Beaver Valley Power Station - Unit 2, Duquesne Light Company
(Mar 1976-Feb 1978)

Assigned as LEAD CONTROL ENGINEER, responsible for the Control Systems Division effort on the 888 MWe pressurized water reactor. Responsibilities included the technical content of instrumentation systems, computer systems, electrical controls, main control and auxiliary control boards, I&C specifications, logic diagrams, control descriptions, HVAC controls, and control system reliability studies. Administrative duties included coordination with other disciplines, planning, scheduling, implementation of division procedures, and client liaison.

Other responsibilities included I&C sections of the FSAR, preparation of control system studies, assistance during construction and start-up, and seismic and environmental qualifications of instrument systems.

Big Bend Power Station - Unit No. 3, Tampa Electric Company
(Feb 1975-Feb 1976)

Assigned as SUPERVISORY CONTROL ENGINEER for Tampa Electric Company. Responsibility included overall supervision of I&C related work effort and client liaison on all Tampa Electric Company work.



Special concerns of this 400 MWe coal fired generating unit included fuel changeovers during design and construction, fire protection, a versatile boiler control system to provide for future fuel changes, a computer system to provide automatic turbine start-up and performance calculations, and a gas recirculation system for environmental controls.

Work also included review of construction progress at the plant site, assistance during checkout and preliminary operations, and technical assistance to the client for their other plants presently in operation.

NEP Units 1 and 2 and Maine Nuclear Power Station, New England Electric Power Company and Central Maine Power Company (Mar 1974-Jul 1975)

Assigned as LEAD CONTROL ENGINEER, responsible for the Control Systems Division effort for this project which included four 1,200 MWe pressurized water reactors. Responsibility included technical content of instrument and control systems, coordination of effort with other project disciplines, scheduling and manpower requirements, implementation of company procedures, and review of electrical control and instrumentation diagrams and drawings. Work also included the preparation of instrumentation and control sections of the PSAR, interface with clients concerning control concepts, and preparation of special systems studies.

The project had responsibility for engineering and design of four nuclear power generation stations rated at 1,200 MWe using pressurized water reactors to be located at two different sites.

North Anna Units Nos. 1 and 2, Virginia Electric and Power Company (Feb 1972-Feb 1974)

Assigned as INSTRUMENT ENGINEER, responsible for instrumentation and control systems on these two 890 MWe pressurized water reactors. Responsibility included engineering, design, preparation of specifications, bid evaluations, and selection of instrumentation and controls. Work also included review and approval of manufacturers' drawings and general supervision of instrument installation drawings and specifications.

Willow Glen No. 4, Gulf States Utilities Company (Dec 1970-Jan 1972)

Assigned as FIELD ENGINEER, responsible for installation of instrumentation, control, and computer systems on this 580 MWe - once-through gas/oil fired generating unit.

Other responsibilities included maintaining computer data operation, supervision of installation of electrical instrumentation and cable; issuing of purchase orders, work scheduling, and assisting start-up personnel.

BETTIS ATOMIC POWER LABORATORY, WEST MIFFLIN, PENNSYLVANIA (July 1967-May 1970)

Naval Nuclear Propulsion Program

Assigned as FIELD ENGINEER representing the prime contractor on matters concerning the nuclear steam supply for naval propulsion plants.



Work also included the processing of trouble reports and resolutions on nuclear material and equipment, sequencing test and work efforts, and on-board supervision of critical operations.

Also was assigned as Bettis Technical Advisor responsible for decontamination operations. Work in this area involved direct supervision and training of personnel during decontamination operations.

Naval Nuclear qualifications included: Joint Test Group (JTG), Joint Decontamination Group (JDG), Barge Test Group (BTG), and Bettis Technical Advisor (BTA).

Was involved in approximately 18 test programs for Naval Nuclear Propulsion plants at both government owned and commercial shipyards.

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