

March 10, 1991

SEA Proposal No. 92-04-121

TECHNICAL STRENGTH AND DEPTH

WITHOUT CONFLICT OF INTEREST



proposal for:

Technical Assistance in Support of NRR Programs and Activities
Pertaining to Standardized and Advanced Reactor Design Applications,
Other-Than-Power Reactors, and License Renewal Applications

RFP No. RS-NRR-92-027

Part III: Technical & Management Proposal

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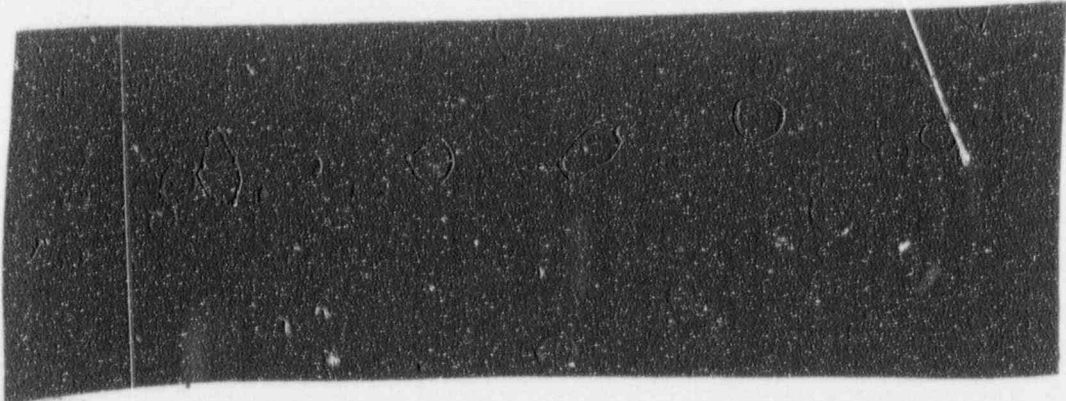


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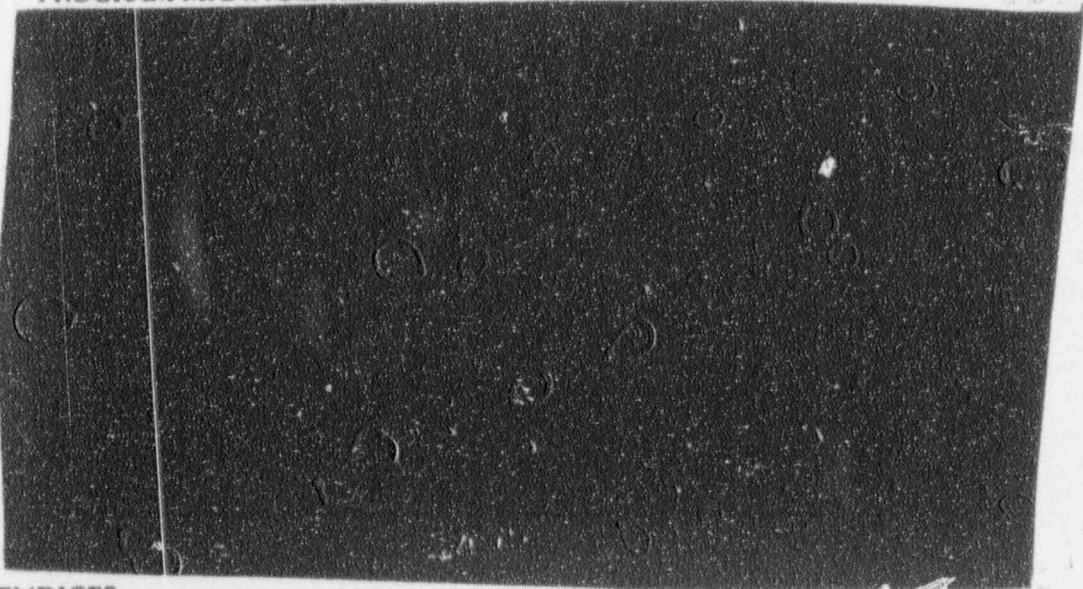
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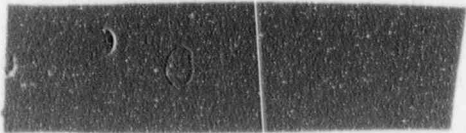

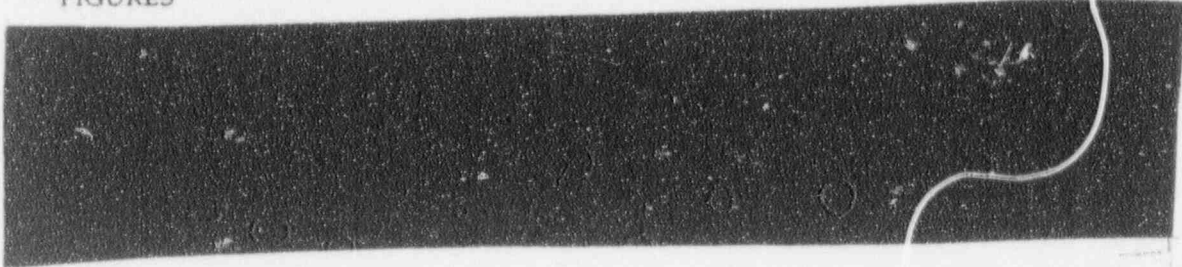


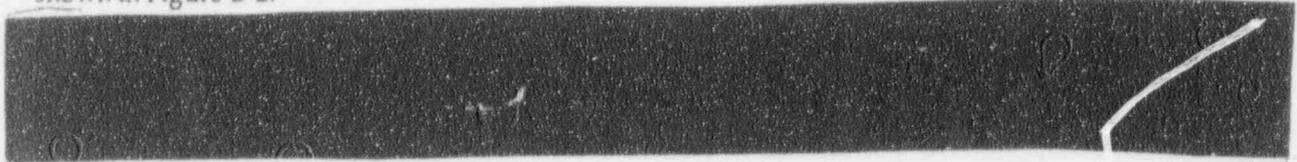
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Appendix B
INTRODUCTION TO SEA

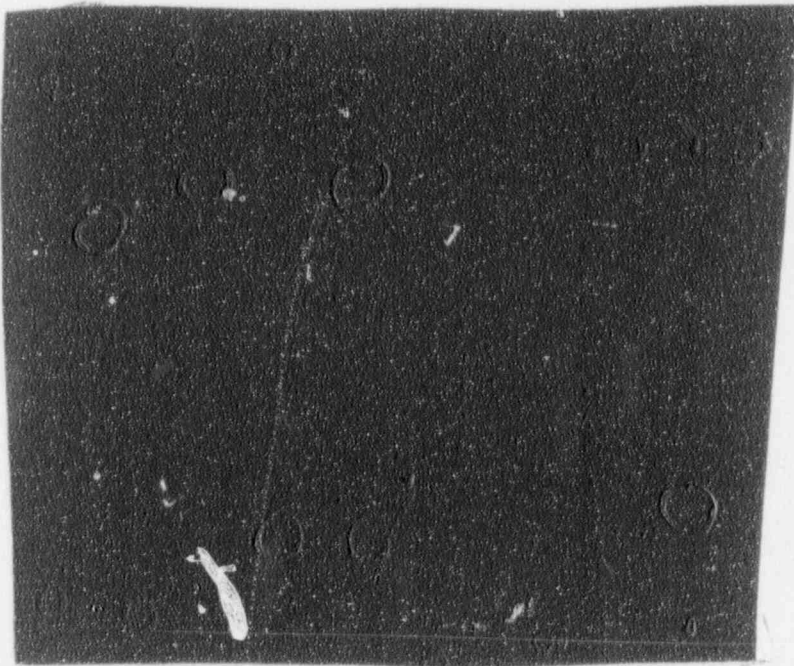
SEA is a technically diverse employee-owned business founded in 1980 to provide professional engineering and scientific services to government and industry. As Figure B-1 shows, SEA's corporate headquarters are located in Albuquerque, New Mexico and we maintain five other offices across the country close to our clients.

SEA's motivation and responsiveness are demonstrated in our key operating principles, as shown in Figure B-2.



SEA has a highly experienced professional staff of approximately 100 employees. Most of our technical staff have either a Masters or Doctorate degree in Engineering (see Figure B-4). Staff members average over 18 years of experience. Our professional expertise lies in the fields of nuclear science and technology, security and safeguards technology, electromagnetics, diagnostics, electrical and mechanical engineering, and environmental planning and management. Included as attachments to this appendix are three brochures outlining the experiences of SEA related to Reactor Technology, Software Systems Integration and Environmental Science and Engineering.

SEA's scientists and engineers have extensive experience in the following areas:



LOCATIONS

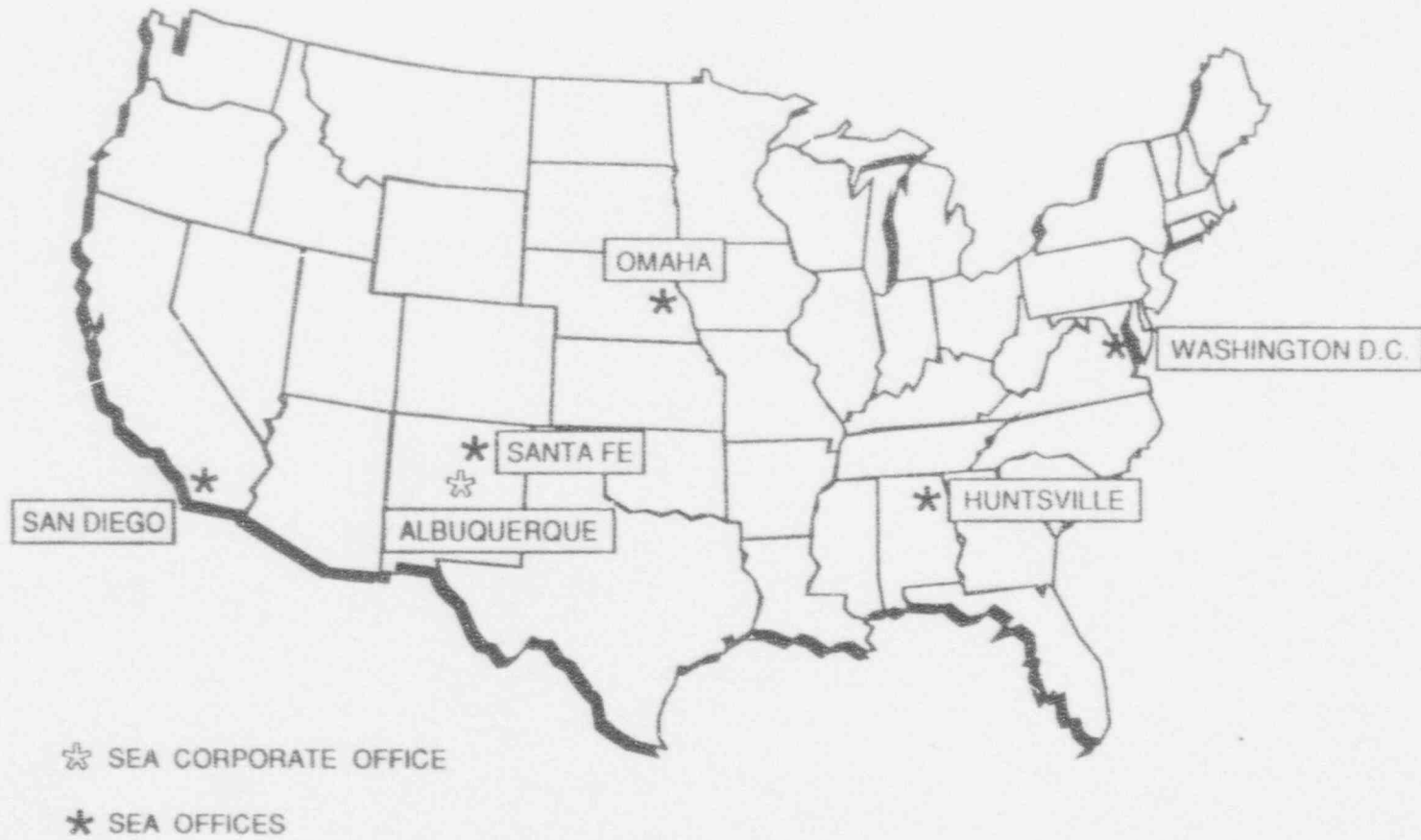
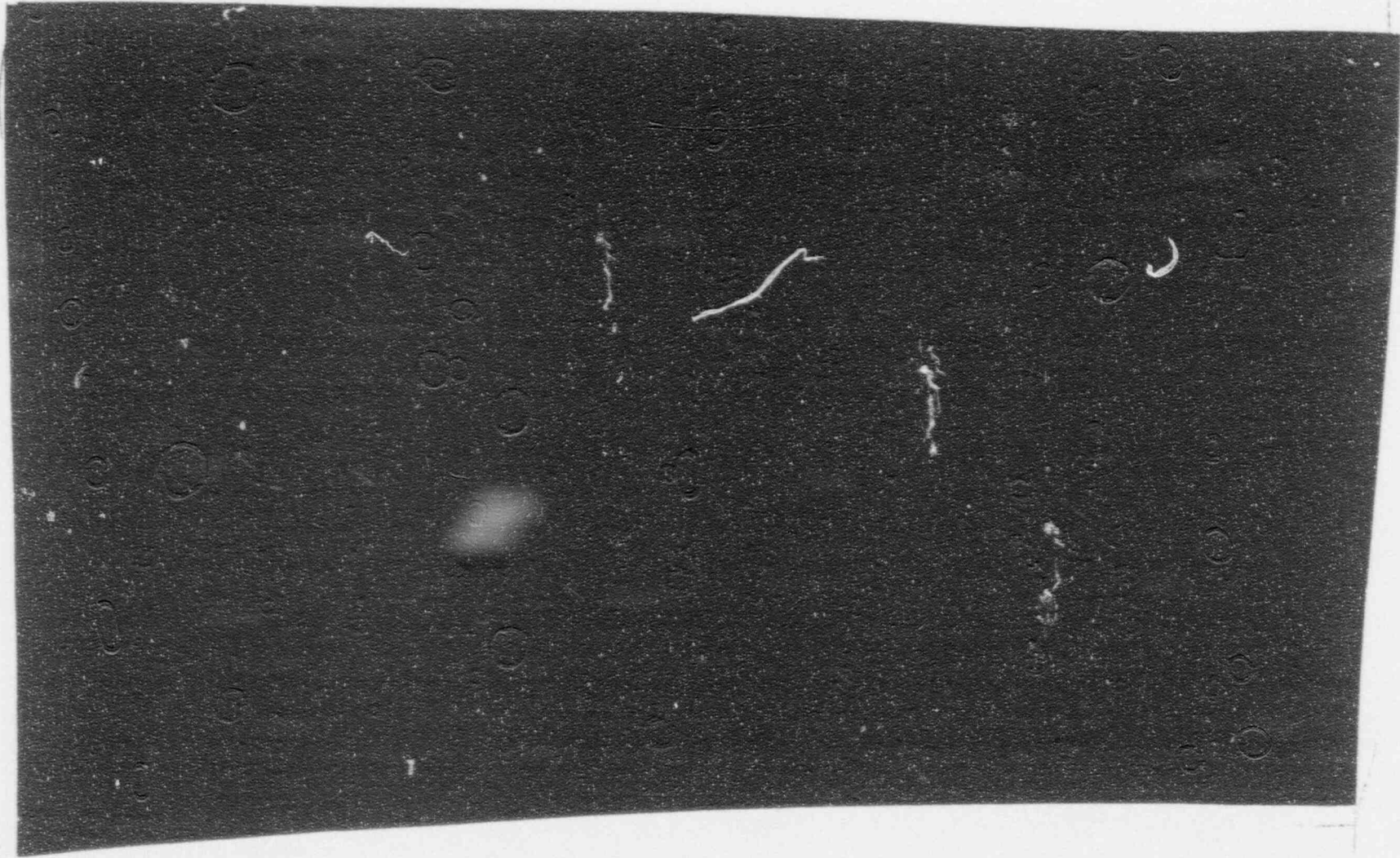


Figure B-1. Locations

KEY OPERATING PRINCIPLES



B-3



Figure B-2. Key Operating Principles

REVENUE HISTORY

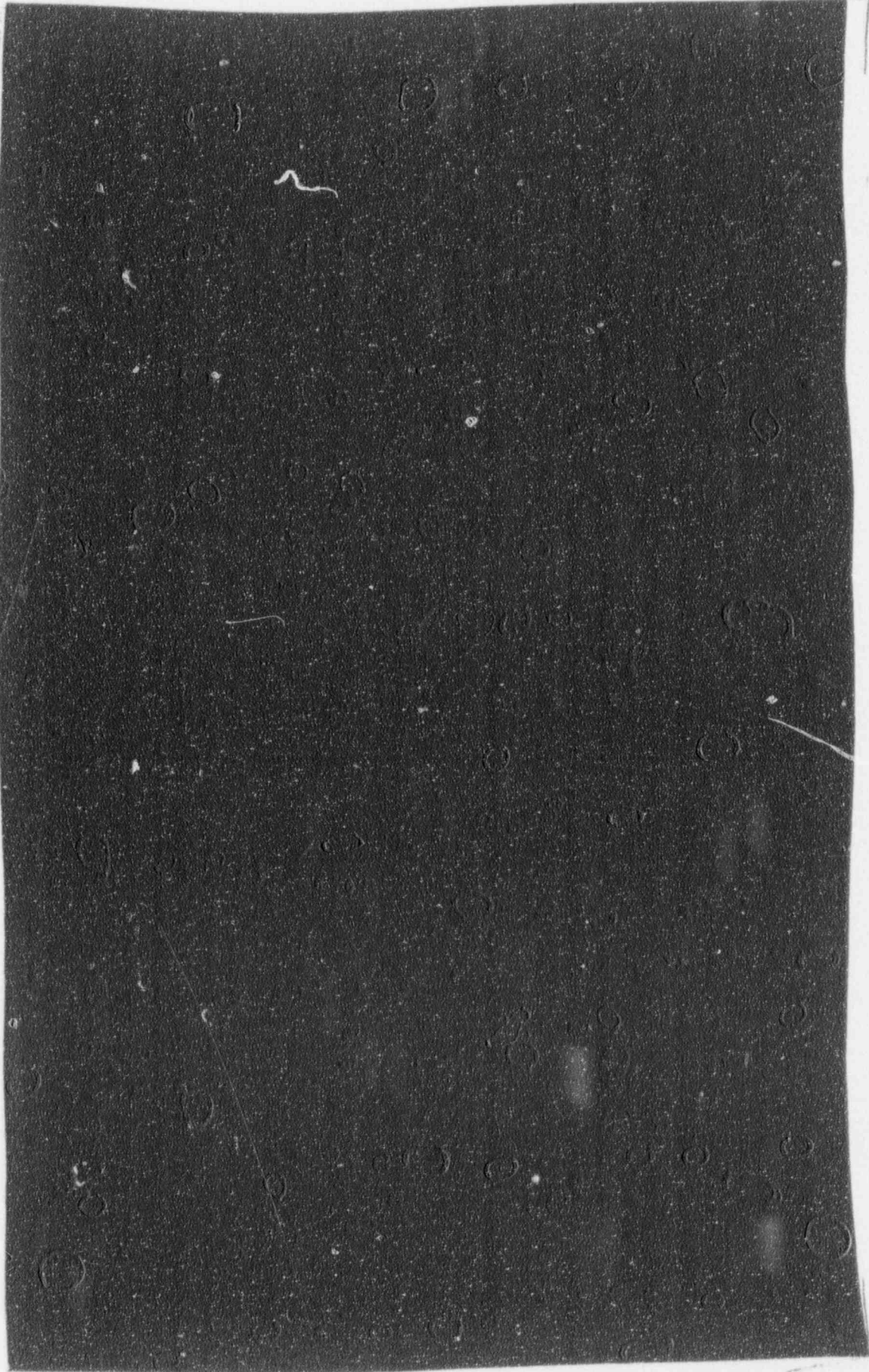


Figure B-3. Revenue History

PEOPLE

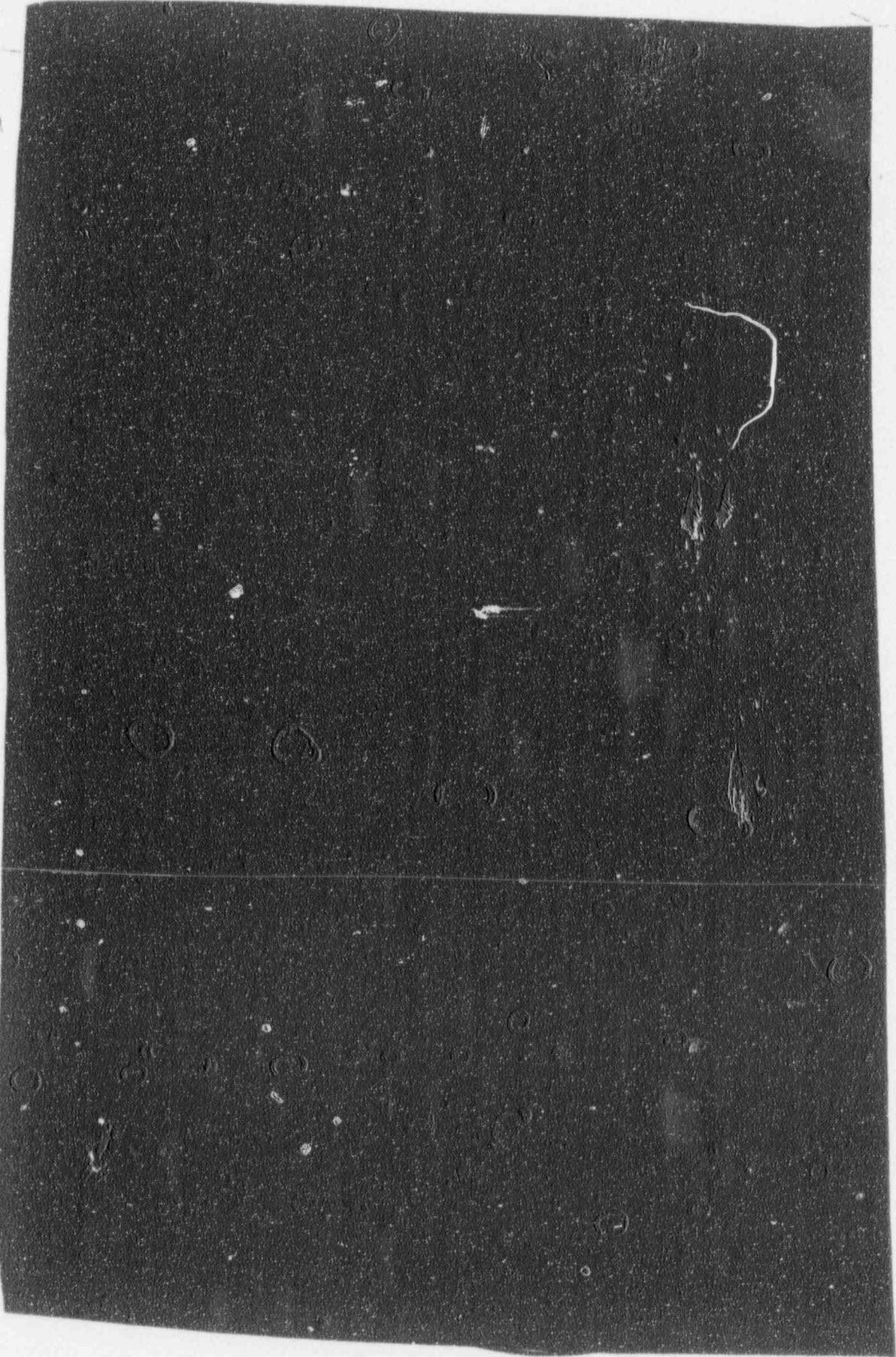
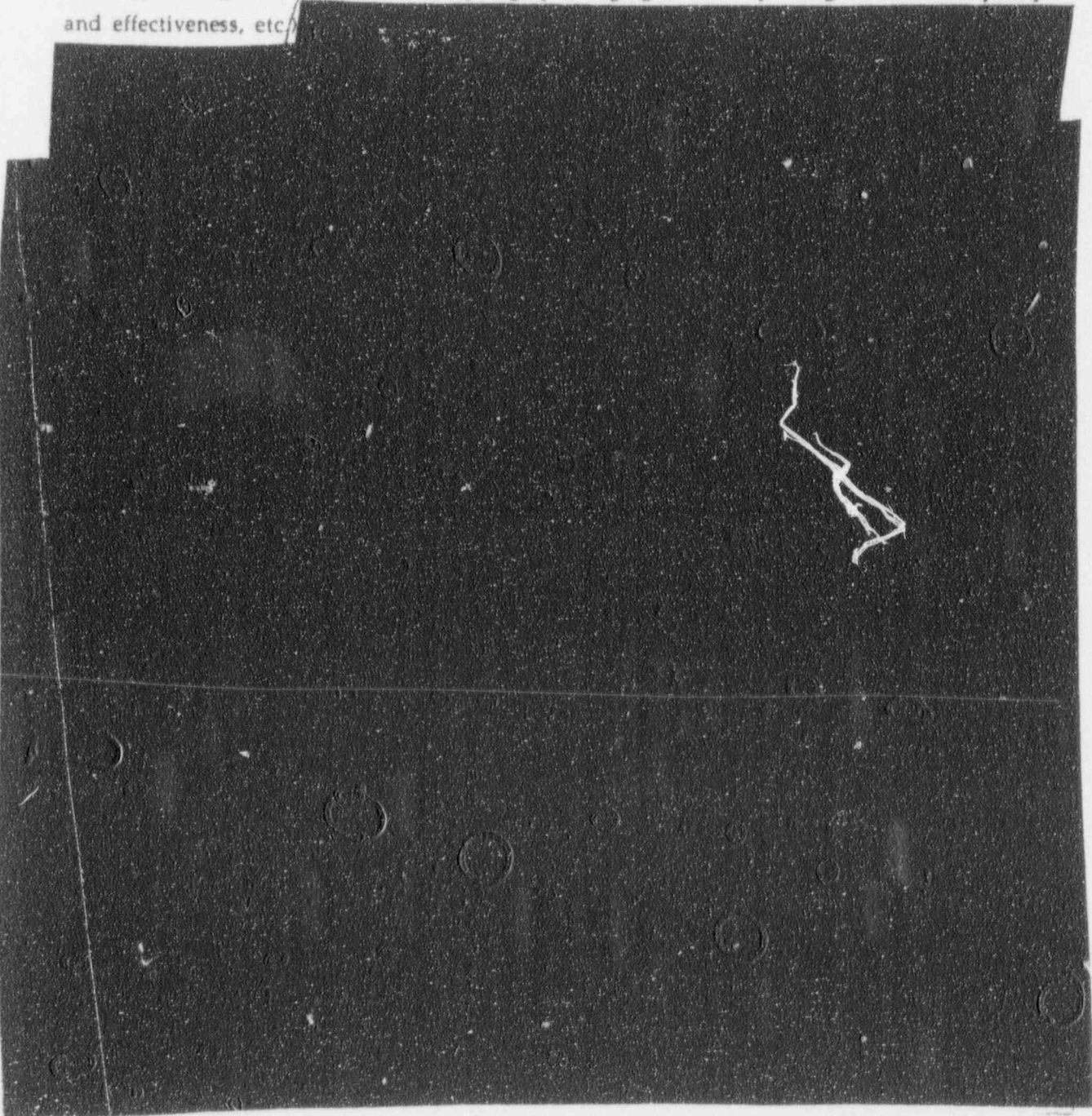
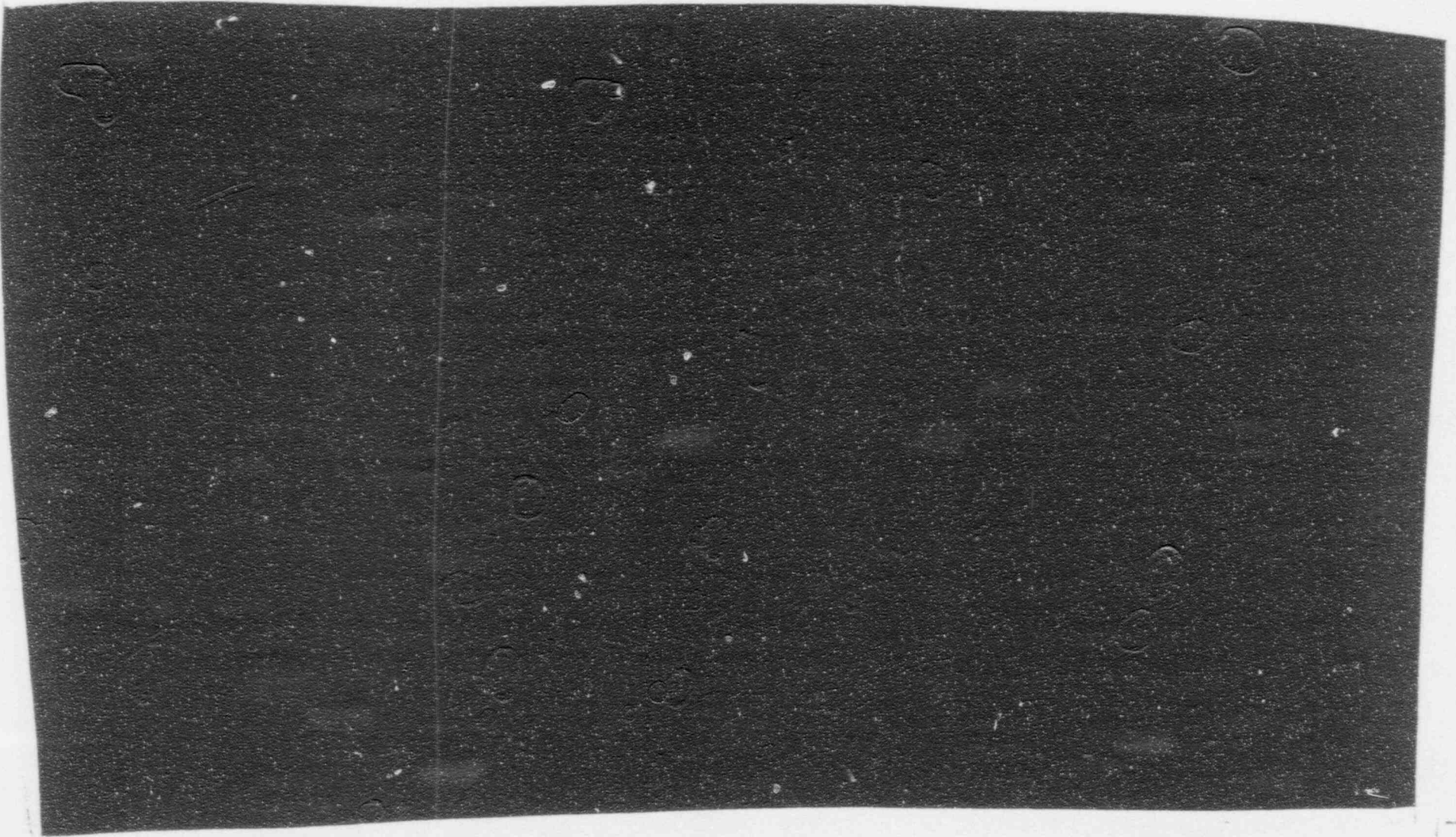


Figure B-4. People

SEA is experienced in analyses for a number of nuclear technologies, including light water, heavy water, graphite moderated, gas cooled, and breeder reactors. SEA personnel are knowledgeable in reactor systems (nuclear, mechanical, and electrical) and in core physics and plant thermal-hydraulics. They have expertise and extensive experience in both probabilistic and deterministic assessments of reactor safety. Additionally, our personnel are thoroughly familiar with nuclear plant operation and its impact on safety, as well as other important concerns and challenges facing today's nuclear industry (e.g., plant aging issues, improving maintenance quality and effectiveness, etc.)



FY 1992 ORGANIZATIONAL CHART



B-7



Figure B-5. FY 1992 Organizational Chart

EXECUTIVE SUMMARY



CONCLUSION

We are ready to go to work assisting NRR by providing Technical Assistance in Support of NRC Programs and Activities Pertaining to Standardized and Advanced Reactor Design Applications, Other-Than-Power Reactors, and License Renewal Applications. Our people have all the requisite skills, but just as important, we have the drive to get the work done. The SEA Team is the logical choice for this work - we are ready to continue our long-standing relationship with the NRC of technical excellence, professionalism, and support.