

June 1, 1974

50-418

PROFESSIONAL QUALIFICATIONS

Rajendra K. Sharma

Argonne National Laboratory

I am an Assistant Biologist in the Environmental Statement Project of the Argonne National Laboratory since July 1972. I have responsibility for contributing to the Environmental Impact Statements for the Nine Mile Point Station and the FitzPatrick Plant in the area of biological effects of plant construction and operation on the aquatic ecosystem.

I obtained a Bachelor of Science degree in Botany, Chemistry, and Zoology in 1959 and a Master of Science degree in Zoology with courses in fisheries in 1961 from Agra University, India. I was conferred a Doctor of Philosophy degree in Fishery Biology at Utah State University in 1968.

From July 1962 to February 1965 I served as a Senior Research Assistant at the Fisheries Research Laboratory, Lucknow, India where I conducted fishery surveys of inland waters for evaluation of fisheries potential. I was also involved in conducting experiments on artificial spawning of commercially important fishes.

While studying for the Ph.D. degree (February 1965 - April 1968) I was employed as a part-time Research Assistant in the Department of Wildlife Resources, Utah State University under a U.S. A.E.C. research grant. Under Laboratory conditions, I studied the effects of gamma radiation dose and the interacting effects of gamma radiation dose and sodium halide concentrations on rainbow trout. This work was submitted as a dissertation for the Ph.D degree.

During May - June, 1968 I worked as a Research Assistant in the Department of Animal Science, Utah State University where I assisted in various biochemical analyses.

I joined the University of Arizona as a postdoctoral Research Associate in July, 1968 in the Department of Agricultural Biochemistry. For two years I studied the effects of insecticide and flavoroid interactions on growth and survival of fish.

In July 1970 I joined the Consolidated Edison Company of New York as a Biologist in the Office of Environmental Affairs. I was Project Manager of the Fish Advisory Board (a group of Con Ed consultants in biology and engineering) whose primary responsibility was to search for a solution of the intake fish kill problem at Indian Point. I was also Project Manager for the ecological studies in connection with the Cornwall Hydroelectric Project and the Astoria Station. I prepared

PROFESSIONAL QUALIFICATIONS

Page 2

Rajendra K. Sharma

proposals for ecological studies to assess the construction and operational effects of thermal and pumped storage power plants. I also contributed to a proposal for environmental studies for site selection for an offshore nuclear power plant in New York Bay. I contributed to the Environmental Reports (sections of biological impacts) and to a report on Fish Protection at Indian Point (Appendix S of the Environmental Report for Unit 3). Other duties at this position included management of various other support projects. I resigned from Con Ed in July 1972 to join my current position.

I am a Certified Fishery Scientist and member of the American Fisheries Society. I am also a fellow of the International Academy of Fishery Scientists (Rome, Italy).

