

OBITUARY

ANDREI ALEKSEEVICH PICHUZHKIN

The prominent hydraulic engineering specialist Andrei Alekseevich Pichuzhkin passed away on December 31, 1969, at the age of 68.

In 1919 A. A. Pichuzhkin was graduated from a secondary school and worked as section head of the Soviet Party Schools of the District Department of People's Education in the town of Dorogobuzh and as a technician and foreman in a number of design and construction organizations.

Upon graduation from the construction engineering division of the Leningrad Polytechnic Institute in 1929, A. A. Pichuzhkin was assigned to Central Asia, where he worked in the Bureau of Irrigation of the Hungry Steppe (Golodnaya Step'), the Central Asia State Institute for Hydraulic Design (Sazgiprovod), and in the Central Asia Research Institute for Water Economy (Sazvodproiz). While employed as a group leader in the Sazvodproiz, A. A. Pichuzhkin drew up a detailed plan for the organization and execution of construction work on Kunya-Dar'ya irrigation project.

In 1933 A. A. Pichuzhkin came to Leningrad to work in the Leningrad branch of the All-Union Scientific-Research Institute of Hydraulic Design (Gidroproekt) and in the Volga-Don Administration. Here he was employed as a senior specialist, group leader, and head of the Volga-Don Junction and Volga Watershed Hydraulic Works Section. Under his leadership a number of major projects were carried out, including the Volgograd Industrial area reclamation and irrigation project, Solvansk and Sarpinsk hydroelectric developments, and others.

In 1938 A. A. Pichuzhkin transferred to the B. E. Vedenev All-Union Scientific-Research Institute of Hydraulic Engineering (VNIIG), where he occupied consecutively the posts of a senior specialist, senior scientific worker, deputy section chief, chief of the division of scientific-technical information. From May 1959 until May 1968 he worked as the deputy director of scientific activities and more recently as the director of the Institute's scientific expertise section.

In 1944 Andrei Alekseevich successfully completed and defended a thesis for the postgraduate academic degree in engineering sciences and was granted the academic title of Senior Scientific Worker.

In A. A. Pichuzhkin's scientific and practical activities, an important place was held by the problems of efficient design and scientific groundwork of hydraulic structures, and by the development of standards regulating hydraulic construction in the entire country.



A. A. Pichuzhkin's versatile engineering activities, his participation in the solution of complex design and scientific problems, and his striving for profound scientific substantiation of standards in the process of development, utilizing the latest achievements in science and construction experience, ensured progressive decisions in the field of hydraulic engineering construction.

In his capacity as deputy director of scientific activities of the VNIIG, Andrei Alekseevich devoted much labor and creative initiative to the organization of broad and complex research into the scientific groundwork of construction and operation planning of unique hydraulic structures of the greatest hydroelectric and thermal power plants in Siberia, Central Asia, Caucasus, and abroad; to the development of scientific activities of the Institute and to incorporation of the Institute's research results into actual construction practice. He personally participated in the solution of many scientific and engineering problems, devoting all of his great experience and knowledge to the cause of the USSR's power development. He published more than 15 scientific works on a variety of hydraulic engineering subjects.

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A. A. Pichuzhkin always paid a great deal of attention to the training of highly qualified cadres of hydraulic construction engineers and scientists. From 1933 until 1960 he was on the faculty of the M. I. Kalinin Leningrad Polytechnic Institute's division of hydraulic engineering, at first as a fellow and later as an assistant professor. He gave lecture courses on hydraulic engineering structures and on agricultural and industrial land reclamation.

A. A. Pichuzhkin was engaged in many social, community and scientific organizational activities. He was repeatedly elected deputy to the Leningrad city workers' council, participated in the activities of the Central Administration of the Scientific-Technical Society for Power Generation and Power Industry (TsENTOÉ · É), was an active member of the All-Union Society for Knowledge (Obshchestvo "Znanie"), and a member of the editorial board of the "Énergiya" Press.

Andrei Alekseevich Pichuzhkin's long and fruitful activity in the field of hydraulic engineering, his exceptional modesty and cordiality brought him well-earned authority and recognition among wide circles of specialists and in the scientific-engineering community.

For his achievements in the field of science and hydroelectric engineering A. A. Pichuzhkin was awarded orders of "Workers' Red Banner," "The Badge of Honor," and medals.

A bright memory of Andrei Alekseevich — a scholar and engineer — will be always retained among those who had the privilege of working with him, among his many friends and disciples.