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Undated

## Resume of William Reese, Undated

Reese, William

Monterey, California: Naval Postgraduate School

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## RESUME OF WILLIAM REESE

William Reese was born in Kansas City, Missouri, in 1937. He attended Reed College at Portland, Oregon, where he majored in physics and minored in mathematics. He received the degree of Bachelor of Arts in June, 1958.

Graduate study followed at the University of Illinois where he received the degree of Master of Science in February, 1960, and the degree of Doctor of Philosophy in June, 1962. His research, on the low temperature properties of liquid helium three, was under the direction of Professor John C. Wheatley.

He was employed as a research associate by the university for the year following his graduation. During this time, he continued conducting research on the low temperature properties of liquids and solids.

He joined the faculty of the Department of Physics (now Physics and Chemistry) at NPS in August 1963. He then initiated a program of research in the thermal properties of solids, both crystalline and amorphous. Later the program centered on high resolution thermodynamic measurements of solid state phase transitions, especially in ferroelectrics. During this period his teaching centered on solid state and thermal physics. Beginning in about 1970, his active attention shifted to technical aspects of national security problems, initially with development of course material on nuclear weapons effects and later with initiating the defense technology sequence for the Naval Intelligence Curriculum. As part of this interest, he participated in early discussions of what is now the ASW Systems Technology Curriculum. He currently serves on the Academic Groups for the EW and C<sup>3</sup> programs. Accompanying these academic efforts were participation in a number of conceptual phase explorations of weapons system concepts.

As a result of his involvement in the Naval Intelligence Curriculum, he spent a year at the Naval Intelligence Support Center working on problems of threat assessment and intelligence support for research and development. Upon returning to NPS, he received a joint appointment with the Department of National Security Affairs and became Academic Associate for the Naval Intelligence Curriculum.

He is a member of the American Physical Society, Sigma Xi, and Phi Beta Kappa.

