

W76 AF&F Life Extension

The W76 AF&F Life Extension Project's principal objective is to develop options for extending the life of the W76-Mk4 to requirements negotiated with the DoD, compatible with negotiated physics lab reentry body interfaces, and on a schedule compatible with the need to replace part or all of the existing S4 AF&F. An integral part of this Project is analysis and evaluation to identify how much radiation tolerance can be bought and how much must be custom capabilities. This Project applies modern systems engineering methods, and rely on advanced electrical system architectures, modern development engineering and manufacturing processes associated with the future product realization and manufacturing environments.

Funding 1995 GB0103143 \$124k date entered 1995, last update 1995 Sandia Alq
Project P/SNL--0350

http://www.osti.gov/rdprojects/details.jsp?query_id=P/SNL--0350

W76-1 Life Extension Project P/SNL—25739

Start – 1/10/99 completion 2/10/27

2002 \$27m 2003 \$38m 2004 \$45m

W76/W88 Redevelopment

“The purpose of this project is to provide design criteria for Arming, Firing and Fusing, AF&F, and other electrical systems for Navy defined Advanced Concepts. Specific activities include (1) define and evaluate interface requirements with Los Alamos and other contract agencies; (2) attend technical exchange meetings and design reviews as required; and (3) prototype new fire set for LA5-2.”

1995 - \$410k; date entered 20/11/1995

W76 LE project began in Oct 1998 (W76 LE audit)