

**STATEMENT OF WORK FOR
Dr. John C. Walton**

Dr. John Walton will be assisting the CNWRAs PA Element with a number of tasks associated the TSPA I KTI. Initially, Dr. Walton will be tasked with testing and debugging of the new TPA Version 3.1 computer code. Subsequent to this activity, he may be tasked to assist with sensitivity studies, and possibly technical reviews of PA reports.

Because of his special knowledge of source term, release, and transport modeling and the SOTEC/SCCEX codes, Dr. Walton will be primarily tasked to assist in testing of the EBSPAC component of the TPA Version 3.1 code. He will formulate and run a series of test problems to check the basic functionality of the EBSPAC module working within the TPA code. In addition, he will assist with testing of other modules of the TPA code depending on time constraints. This tasking will require that Dr. Walton document the test problems (specification of the problem and evaluation results) for inclusion in appropriate scientific notebooks and related QA records. This work will be performed under the technical direction of Sitakanta Mohanty.