

SUPPORT FOR CONSULTANT/SUBCONTRACTOR REQUEST

March 2, 1999

CONSULTANT/SUBCONTRACTOR:

Atomic Energy Canada Limited, Chalk River. (Dr. Peter Angell)

RATIONALE FOR USING AND PROGRAMMATIC IMPACT OF NOT USING CONSULTANT/SUBCONTRACTOR:

The microbiology expertise of Dr. Angell is essential for the project to be conducted for PRCI. Dr. Angell will provide guidance to Ms. Melissa Hill who will perform the experimental work on-site. Dr. Angell helped set up a previous research program at SwRI which is being used as the basis for current work. Without his assistance, the project will not progress as planned and will lack credibility.

STATEMENT OF WORK:

- Assist Ms. Hill in selecting the proper culturing of bacteria. The bacteria to be used will be determined in consultation with PRCI member companies and GRI who are co-funding the project.
- Visit SwRI periodically to assist in setting up the multiple chemostat system that will be used for corrosion tests. He will provide consultation to SwRI staff in Div. 18 in techniques for sterilization and media preparation.
- Assist in analysis of bacterial biofilms during and after corrosion tests
- Assist in report preparation

LIST OF ELIGIBLE CONSULTANTS/SUBCONTRACTORS CONSIDERED:

Dr. Brenda Little, Naval Research Labs, Stennis Research Center
Dr. Dan Pope, Bioindustrial Technologies, Inc.

RATIONALE FOR SOLE/SINGLE SOURCE SELECTION:

Dr. Little was not available. Dr. Pope was not recommended by clients as suitable.

RATIONALE FOR NOT USING SWRI RESOURCES:

There is no one at present with MIC background at SwRI.

PROGRAMMATIC IMPACT ON CNWRA WORK:

None. This is an additional project from PRCI. An analysis was already prepared for performing this work.