

# **SUPPORT FOR CONSULTANT/SUBCONTRACTOR REQUEST**

January 6, 1998

**CONSULTANT/SUBCONTRACTOR:** Dr. Fumiko Tajima

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

Dr. Tajima provides technical assistance and support in seismology. This is a technical discipline which is quite large in terms of subdisciplines, and CNWRA has no true seismic expertise on staff. In order to provide technically sound reviews and critiques, it is necessary to supplement existing CNWRA experts with more specific seismological expertise such as Dr. Tajima.

## **STATEMENT OF WORK:**

Dr. Tajima will work on a variety of activities related to seismic hazard analysis.

Potential activities may include:

- Participation in ongoing CNWRA studies of the seismic hazard analysis in the YMR
- Modeling, interpretation, and publication of the study results with CNWRA staff
- Participation, review and analysis of DOE's PSHA study
- Review of CNWRA reports related to seismology

## **LIST OF ELIGIBLE CONSULTANTS/SUBCONTRACTORS CONSIDERED:**

None

## **RATIONALE FOR SOLE/SINGLE SOURCE SELECTION:**

This is a renewal of a contract to continue work Dr. Tajima is already familiar with. A new consultant working on the task would cause increased costs and delays.

## **RATIONALE FOR NOT USING SwRI RESOURCES:**

SwRI staff does not have the appropriate training or experience.

## **PROGRAMMATIC IMPACT ON CNWRA WORK:**

Given the lack of true seismologists on staff, not developing a group of experts in the field may delay critical work or result in an inferior product.