

M E M O R A N D U M

TO: Conflict of Interest Committee Chairman

FROM: John L. Russell, *JLR*
Manager, Geologic Setting Program Element

DATE: September 20, 1988

SUBJECT: Evaluation of Potential Conflict of Interest for
Dr. Stuart J. Birnbaum

Attached is the completed Center Questionnaire for Preliminary Evaluation of Potential Conflict of Interest form and the signed letter from Dr. Stuart J. Birnbaum attesting to the belief that he is free from Conflict of Interest. A copy of Dr. Birnbaum's resume is also attached to this letter.

The proposed work assignment for this individual includes the following:
a) research activities for a subcontract to the University of Texas-San Antonio which are part of the Center's Geochemistry Research Project, and b) activities associated with the Geologic Setting Program Element.

Dr. Birnbaum's role would include providing the Center with technical expertise in certain aspects of geochemistry, geology, and associated scientific disciplines, including microbial geochemistry.

The programmatic impacts of not using Dr. Birnbaum as proposed, will be significant delays in execution of activities and in completion of deliverables requiring personnel with expertise in geochemical experimentation and analytical analyses, in particular cryo-electron microscopy and associated energy dispersive x-ray microanalysis of pore fluids. This impact will occur in the Geochemistry Research Project. Dr. William Murphy may be an available alternative to provide expertise in certain aspects of geochemical experimentation.

Attachments

Stuart Birnbaum
May 2003

Work Scope:

Professor Birnbaum will provide technical assistance to evaluate the microbiologically influenced corrosion effect on the waste package materials under Yucca Mountain Conditions. Specifically, he will assist CNWRA staff and its consultant to identify the type of microorganisms for the experiments and to explore the ways to maximize the growth and maintain the high concentrations of the microorganisms in the evaluation tests.