

June 22, 2006

MEMORANDUM TO: William M. Dean, Assistant for Operations
Office of the Executive Director for Operations

FROM: Mark A. Cunningham, Director */RA/*
Division of Fuel, Engineering, and Radiological Research
Office of Nuclear Regulatory Research

SUBJECT: PRESENTATION: "THE EFFECT OF LWR ENVIRONMENTS ON THE
FATIGUE LIFE OF REACTOR MATERIALS" BY DR. OMESH CHOPRA
AND WILLIAM SHACK OF ARGONNE NATIONAL LABORATORY

The enclosed material has been provided by Dr. Omesh Chopra and William Shack of Argonne National Laboratory (ANL) for presentation at the American Society of Mechanical Engineers (ASME) Pressure Vessel and Piping 2006 Conference in Vancouver, BC, Canada. We are providing this material to comply with Management Directive MD 3.9 and subsequent Office of the Executive Director for Operations (OEDO) guidance. The presentation will be on July 25, 2006. This research was sponsored by RES contract JCN Y6187, "Development of a Regulatory Guide to Address Fatigue of Components Due to Mechanical/Thermal Cycling Stresses and Environmental Effects." The presentation will be given by Dr. Chopra. This information is for your transmittal to Commissioner Assistants or to others who may be interested. This presentation does not contain any information relating to NRC policy issues. The presentation may be found in the Agencywide Documents Access and Management System (ADAMS) as package number ML061640426.

Meeting: ASME Pressure Vessel and Piping 2006 Conference
Place: Vancouver, BC, Canada
Date: July 25, 2006
Authors: Dr. O. Chopra and W. J. Shack
Title: "The Effects of LWR Environments on the Fatigue Life of Reactor Materials"

Enclosure:
As stated

CONTACT: Hipolito J. Gonzalez
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