

April 6, 2006

MEMORANDUM TO: Michael J. Case, Director
Division of Inspection and Regional Support
Office of Nuclear Reactor Regulation

FROM: Farouk Eltawila, Director */RA/*
Division of Risk Assessment and Special Projects
Office of Nuclear Regulatory Research

SUBJECT: TRANSMITTAL OF TECHNICAL LETTER REPORTS FOR IDAHO
NATIONAL LABORATORY PROJECT ON "DEVELOPING HUMAN
PERFORMANCE MEASURES"

The purpose of this memo is to provide you the results of research done by Idaho National Laboratory (INL) about the development of Human Performance Measures for use in the NRC's Reactor Oversight Process. The objective of this research is to understand the feasibility of the development of performance measures in the area of human performance.

Enclosed is the report, "Developing Human Performance Measures," from INL. This report will be used to supplement a briefing on the modeling and simulation aspect of the "Develop Human Performance Measures" project. The briefing will be held in April of 2006 and will include key management from the Office of Nuclear Reactor Regulation, and the Office of Nuclear Regulatory Research.

Also enclosed are the reports, "Support to the U.S. Nuclear Regulatory Commission Safety Culture," and "Review of International Oversight of Safety Culture in Nuclear Facilities" from INL which support Task 7 of the Human Performance Measures project related to the NRC's safety culture initiative. This Task was added to the Human Performance Measures project to support the Office of Enforcement's user need, dated June 30, 2005, requesting additional work to support the Staff Requirements Memorandum (SRM) SECY-04-011, "Recommended Staff Actions Regarding Agency Guidance in the Areas of Safety Conscious Work Environment and Safety Culture."

Enclosures:

1. Report: "Developing Human Performance Measures"
2. Report: "Support to the U.S. Nuclear Regulatory Commission Safety Culture"
3. Report: "Review of International Oversight of Safety Culture in Nuclear Facilities"

CONTACT: Molly J. Keefe, Project Manager
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 Enclosure 1: ML061000459
 Enclosure 2: ML061000446
 Enclosure 3: ML061000490

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