October 30, 2009

MEMORANDUM TO: Mark Salley, Chief
Fire Research Branch
Division of Risk Analysis
Office of Nuclear Regulatory Research

FROM: J.S. Hyslop ***/RA/***
Fire Research Branch
Division of Risk Analysis
Office of Nuclear Regulatory Research

SUBJECT: SUBJECT: SUMMARY OF NRC-RES/EPRI FIRE PRA COURSE
OCTOBER 12-16, 2009

The U.S. Nuclear Regulatory Commission (NRC) and the Electric Power Research Institute (EPRI) conducted a joint public meeting consisting of a fire PRA (Probabilistic Risk Assessment) course on October 12 – 16, 2009 at the Dominion Corporate offices in Glen Allen, Virginia. The purpose of the course was to provide detailed, hands-on training on the fire PRA methodology described in the technical document, NUREG/CR-6850 (EPRI 1011989) entitled "EPRI/NRC-RES Fire PRA Methodology for Nuclear Power Facilities." This fire PRA methodology document supports implementation of the risk-informed, performance-based rule 10CFR50.48(c) endorsing National Fire Protection Association (NFPA) Standard 805, as well as other applications such as exemptions or deviations to our current regulations and fire protection Significance Determination Process phase 3 applications.

RES and EPRI provided training in three subject areas: Fire Analysis, PRA/HRA (Human Reliability Assessment), and Electrical Analysis. Participants selected one of these subject areas and spent the duration of the course in the module that covered the subject area that they selected. During this year, introductory modules were added to the workshop covering the fundamentals of the three technical areas. The workshop's format allowed for in-depth presentations and practical examples directed toward the participant's area of interest. The approximately 80 participants in this workshop included NRC employees from NRR, RES and the Regions, licensees and consultants, and representatives from outside the U.S.

Additional trainings are being planned for 2010.

Enclosures:
1. Attendance List

CONTACT: J.S. Hyslop, RES/DRA
301-251-7611

The course slides are the same slides presented in the June, 2009, training and can be found in ADAMS under ADAMS package accession number ML091940204.

Enclosures:
1. Attendance List

The course slides are the same slides presented in the June, 2009, training and can be found in ADAMS under ADAMS package accession number ML091940204.

Enclosures:
1. Attendance List

ADAMS Accession No.: ML092960272

OFFICE	RES/DRA/FRB	Sunsi Review	RES/DRA/FRB
NAME	J.S. Hyslop	J.S. Hyslop	M. Salley
DATE	10/26/09	10/26/09	10/30/09

OFFICIAL RECORD COPY