October 22, 2009

MEMORANDUM TO: Christiana Lui, Director
Division of Risk Analysis
Office of Nuclear Regulatory Research

FROM: William R. Ott, Branch Chief ***/RA/***
Environmental Transport Branch
Division of Risk Analysis
Office of Nuclear Regulatory Research

SUBJECT: PUBLIC MEETING SUMMARY FOR ANNUAL PUBLIC MEETING OF THE INTERAGENCY STEERING COMMITTEE ON MULTIMEDIA ENVIRONMENTAL MODELING

From October 13 – 15, NRC hosted the eighth Annual Public Meeting and Workshop of the Interagency Steering Committee on Multimedia Environmental Modeling (ISCMEM). The workshop focused on sharing the latest scientific developments on issues important to modeling the effects of federal actions on the environment. Ten federal organizations including NRC, DOE, EPA, USGS, NOAA, NSF, the Bureau of Reclamation, US Army Corps of Engineers, and the Natural Resources Conservation Service participated. Approximately 90 scientists from government and private organizations interested in environmental modeling attended (see attached list). One highlight was a presentation on the capabilities of USGS with regard to modeling the influence of climate change on 16 specific watersheds. One significant outcome was the tentative approval of new working groups on (1) Ecosystem Services and Functions to address environmental impacts on natural resources and populations, and (2) Integration of Monitoring and Modeling for demonstrating compliance with regulatory standards and verification of predicted performance. Copies of the presentations will be made available on the ISCMEM website http://www.environmental-modeling.org. A NUREG/CP is in preparation to document the workshop.

Enclosure: List of attendees.

CONTACT: William R. Ott, RES
301-251-7407

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OFFICE	RES/DRA/ETB	SUNSI Review
NAME	W. Ott	W.Ott
DATE	10/22/09	10/22/09

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List of Attendees for ISCMEM Public Meeting

Last Name	First Name	Affiliation
Abu-Eid	Boby	U.S. NRC/FSME
Alexander	Richard B.	U.S. Geological Survey
Anderson	Todd	U.S. Dept. of Energy, Office of Biological & Env. Research
Araujo	Rochelle	US EPA, National Exposure Research Laboratory
Arlt	Hans	U.S. NRC/FSME
Ashford	Darmita	
Babendreier	Justin	U.S. EPA
Barnhurst	Dan	U.S. NRC/NRO
Bahr	Cynthia	U.S. NRC/FSME
Berenbrock	Charles E.	U.S. Geological Survey
Botkin	Daniel Benjamin	University of California, Santa Barbara (Professor, Emeritus)
Boyd	James	Resources for the Future
Bradbury	John	U.S. NRC/NMSS
Bromhal	Grant	U.S. DOE/NETL
Cady	Ralph	U.S. NRC/RES
Claggett	Peter	U.S. Geological Survey
Curtis	Gary Page	U.S. Geological Survey
Day-Lewis	Frederick D.	U.S. Geological Survey
Deliman	Patrick N.	US Army Engineer Research and Development Center
Deschaine	Larry Michael	HydroGeoLogic, Inc.
Donato	David I.	U.S. Geological Survey
Duffy	Christopher J.	Penn State University
Fedors	Randall	CNWRA
Feng	Min	University of Maryland, The Global Land Cover Facility
Fuhrmann	Mark	U.S. NRC/RES
Gaber	Noha	U.S. Environmental Protection Agency
Giancinto	Joseph	U.S. NRC/NRO
Gladden	John	Savannah River National Laboratory
Glynn	Pierre D.	U.S. Geological Survey
Goodall	Jonathan L.	University of South Carolina
Guber	Andrey	USDA/ARS
Guo	Jin-Ping	
Guvanasen	Varut (Dua)	HydroGeoLogic, Inc.
Harrison	Kenneth	
Hay	Lauren E.	U.S. Geological Survey
Hove	Ann	U.S. NRC/ASLBP
Huyakorn	Peter S.	HydroGeoLogic, Inc.
Irani	Frederick	U.S. Geological Survey
James	Carleton	
Jannik	Gerald Timothy	Savannah River National Laboratory
Kanney	Joseph	U.S. NRC/RES
Karlin	Alex	U.S. NRC/ASLBP
Kennedy	Robert	U.S. Army Corps of Engineers (USACE)
Koran	David	
Kuzan	John David	ExxonMobil Upstream Research Co.

Enclosure

Lancaster	Thomas	U.S. NRC/FSME
Laniak	Gerard F.	U.S. EPA
Lesmes	David	U.S. DOE/BER
Lichtner	Peter Charles	Los Alamos National Laboratory
Lyons	Steve	ExxonMobil
Matott	Loren Shawn	University of Waterloo
McBride	Mark	U.S. NRC/NRO
Meyer	Philip	Pacific Northwest National Laboratory
Moll	Katherine	
Murdoch	Lawrence	Clemson University
Nicholson	Thomas	U.S. NRC/RES
Olchin	Gabriel	Colorado State University
Ott	William	U.S. NRC/RES
Pachepsky	Yakov	USDA-ARS
Pan	Feng	
Parkhurst	David Leland	U.S. Geological Survey
Pattison	Malka	U.S. Geological Survey
Percivall	George	Open Geospatial Consortium
Peters-Lidard	Christa Dianne	NASA
Pinkston	Karen	U.S. NRC/FSME
Powers	George	U.S. NRC/RES
Purucker	Tom	US EPA National Exposure Research Laboratory
Raione	Richard	U.S. NRC/NRO
Randall	John	U.S. NRC/RES
Reed	Philip	U.S. NRC/RES
Reed	Wendy	U.S. NRC/RES
Rubin	Yoram	University of California, Berkely
Rybicki	Nancy	U.S. Geological Survey
Salomon	Steve	U.S. NRC/FSME
Schwartzman	Adam	U.S. NRC/FSME
Semmens	Darius	U.S. EPA/ORD
Shapiro	Allen M.	U.S. Geological Survey
Sheron	Brian	U.S. NRC/RES
Spradley	Leah	U.S. NRC/FSME
Stewart	Robert	University of Tennessee
Tammara	Rao	
Tidwell	Vincent Carroll	Sandia National Laboratories
Tonkin	Matt	S.S. Papadopulos & Associates, Inc.
Wagner	Paul	
Whelan	Gene	US Environmental Protection Agency
Yabusaki	Steve B.	PNNL
Ye	Ming	Dept. of Scientific Computing, Florida State Univ.
Young	Claudia J.	U.S. Geological Survey EROS Center
Zhang	Zhong	
Zhu	Ming	DOE EM