

August 27, 2007

MEMORANDUM TO: Jennifer Uhle, Director
Division of Fuel, Engineering and Radiological Research
Office of Nuclear Regulatory Research

FROM: Niles Chokshi, Deputy Director /RA/
Division of Site and Environmental Reviews
Office of New Reactors

SUBJECT: SUPPORT OF RESEARCH WITH NOAA - "RESEARCH TO
DEVELOP GUIDANCE ON PROBABLE MAXIMUM
PRECIPITATION ESTIMATES FOR THE U.S."

The purpose of this memorandum is to support the RES statement of work for the project entitled "Research to Develop Guidance on Probable Maximum Precipitation Estimates for the US." This project, to be undertaken by the National Oceanic and Atmospheric Administration's (NOAA) Hydrometeorological Prediction Center, will initiate a program to update the PMP estimates needed for flooding assessment at nuclear power plants (NPPs). The results of this work will also be used by NRO in the NPP application review process. This work is needed and would be well received by NRO staff.

The need for this work was identified during discussions between RES and NRO staff regarding the update of Regulatory Guide 1.59. This guide is being updated as part of the phase 2 regulatory guide update process. To best meet these objectives, this work has been discussed and coordinated between RES and NRO staff.

cc: G. Holahan, NRO
M. Mayfield, NRO
L. Dudes, NRO

CONTACT: Charles R. Cox, RHEB/NRO/DSER
301-415-2003

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