



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

May 20, 2020

David Holst, CFO-CAO  
Office of Oceanic and Atmospheric Research  
National Oceanic and Atmospheric Administration  
1315 East-West Highway  
Silver Spring, MD 20910

SUBJECT: RENEWAL OF NRC-NOAA MEMORANDUM OF UNDERSTANDING ON  
ATMOSPHERIC TRANSPORT AND DISPERSION MODELS

Dear Mr. Holst:

The National Oceanic and Atmospheric Administration (NOAA) and the U.S. Nuclear Regulatory Commission (NRC) have developed the enclosed Memorandum of Understanding (MOU) to continue collaboration on atmospheric transport and dispersion (ATD) models. This MOU involves the NRC's incorporation of NOAA's HYSPLIT ATD model into the NRC's MELCOR Accident Consequence Code System (MACCS) as an alternative ATD model. The NRC's Office of Nuclear Regulatory Research (RES) distributes the MACCS code to domestic and international organizations to enable them to analyze the consequences of potential severe nuclear reactor accidents involving atmospheric releases of radioactive material.

Enclosed please find a signed copy of the MOU which you may retain for your records.

We look forward to these collaborative efforts and thank you for your assistance in this matter.

Sincerely,

Raymond Furstenau  
Director of Nuclear Regulatory Research  
U.S. Nuclear Regulatory Commission

Enclosure:  
Memorandum of Understanding  
Between NRC and NOAA