DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
441 G STREET, NW
WASHINGTON, DC 20314-1000

REPLY TO
ATTENTION OF

AUG 2 3 2011

CECW-P

MEMORANDUM FOR Director, National Flood Risk Management Planning Center of Expertise (FRM-PCX)

SUBJECT: Flood Damage Reduction Analysis (HEC-FDA) Model Certification

1. The Flood Damage Reduction Analysis (HEC-FDA) software provides the capability to perform an integrated hydrologic engineering and economic analysis during the formulation and evaluation of flood risk management (FRM) plans. It is designed to assist in the use of risk analysis procedures for formulating and evaluating FRM measures (EM 1110-2-1619, ER 1105-2-101). It also assists in the analysis of the economics of FRM projects. This model is used continuously throughout the planning process as the study evolves from the base year without-project condition analysis through the analyses of alternative plans over the period of analysis.

2. Adequate technical reviews have been accomplished and the model meets the certification criteria contained in EC 1105-2-412. This certification is based on the decision of the HQUSACE Model Certification Panel which considered the FRM-PCX assessment of Version 1.2.5 of the model.

3. All review plans for FRM studies not approved by the FRM-PCX as of this date are required to show the use of HEC-FDA 1.2.5. Migration as soon as possible to HEC-FDA 1.2.5 is strongly recommended for all FRM studies and all ongoing studies using HEC-FDA will convert to HEC-FDA 1.2.5 no later than 31 December 2011 unless a draft decision document is completed by that date. If migration to HEC-FDA 1.2.5 presents an undue burden to small-scale feasibility studies and Continuing Authority Program studies, permision to use HEC-FDA 1.2.4 after December 2011 may be granted by the FRM-PCX on a study by study basis.

4. The FRM-PCX must monitor future developments to keep the model current with the state of the art and coordinate significant modifications that could affect this certification with HQUSACE. The FRM-PCX must ensure that project delivery teams are utilizing the most recent version of the model. This Memorandum will be distributed to the Planning Community of Practice (CoP) and posted on the the Planning CoP internet site. It must also be posted on the FRM-PCX internet site and the internet site of the model proponent (HEC).

EXPIRES: 30 September 2018

Theodore A. Brown

THEODORE A. BROWN, P.E.
Chief, Planning and Policy Division
Directorate of Civil Works

Printed on Recycled Paper