

March 15, 2011

MEMORANDUM TO: R. W. Borchardt
Executive Director for Operations

FROM: Annette L. Vietti-Cook, Secretary **/RA/**

SUBJECT: STAFF REQUIREMENTS – SECY-11-0014 – USE OF
CONTAINMENT ACCIDENT PRESSURE IN ANALYZING
EMERGENCY CORE COOLING SYSTEM AND CONTAINMENT
HEAT REMOVAL SYSTEM PUMP PERFORMANCE IN
POSTULATED ACCIDENTS

The Commission has approved the staff's recommended Option 1. The staff should evaluate current extended power uprate (EPU) applications, as well as future applications for new or increased credit for containment accident pressure (CAP), consistent with staff practice in implementing the current risk review guidance (Standard Review Plan Section 19.2), including the review of nonrisk-informed applications such as EPUs and the recently-developed deterministic guidance based on recommendations of the Advisory Committee on Reactor Safeguards (ACRS) to include uncertainty and margins in CAP calculations.

Because the statements in Regulatory Guide 1.174 are subject to different interpretations, the staff should revise this guide using precise language to assure that the defense-in-depth philosophy is interpreted and implemented consistently. To the extent that other regulatory guidance refers to defense in depth, the relevant documents should be updated also, as appropriate.

cc: Chairman Jaczko
Commissioner Svinicki
Commissioner Apostolakis
Commissioner Magwood
Commissioner Ostendorff
OGC
CFO
OCA
OPA
Office Directors, Regions, ACRS, ASLBP (via E-Mail)
PDR