

From: [RILEY, Jim](#)
To: [Cook, Christopher](#); [Miller, Ed](#)
Cc: [Abisamra, Joe](#); [Andrew Garrett \(Andrew.Garrett@Duke-Energy.com\)](#); [Attarian, George](#); [Bell, Roderick](#); [bolognar@firstenergycorp.com](#); [Brunette, Pat](#); [Buman, Dan](#); [Burris, Ken](#); [Carrie L. Stokes \(carrie.stokes@bwsc.net\)](#); [Colin Keller](#); [Dave Bucheit](#); [Dean Hubbard \(dmhubbard@duke-energy.com\)](#); "Faller, Carl"; [Gambrill, David](#); [GASPER, JOSEPH K](#); [Giddens, John](#); [Glen D Ohlemacher \(ohlemacher@dteenergy.com\)](#); [Hackerott, Alan](#); [Heather Smith Sawyer \(heather.sawyer@bwsc.net\)](#); [Heerman, John](#); [Horstman, William R](#); "Huffman, Ken"; [HYDE, KEVIN C](#); [Jeff Brown \(jeffrey.brown@aps.com\)](#); [Jim Breunig \(james.breunig@cengllc.com\)](#); [Joe Bellini \(joe.bellini@amec.com\)](#); [John Lee \(John.Lee@dom.com\)](#); [Kit Ng \(kyng@bechtel.com\)](#); [LaBorde, Jamie](#); [Larry Shorey \(ShoreyLE@Inpo.org\)](#); [Lorin.Young@CH2M.com](#); [Maddox Jim \(maddoxje@inpo.org\)](#); [Mannai, David J](#); [manolerasm@firstenergycorp.com](#); [Maze, Scott](#); [Michael Proctor \(michael.proctor@urs.com\)](#); [Mike Annon - Home \(ICENG2008@AOL.COM\)](#); [Mike Annon \(annonm@dteenergy.com\)](#); [Miller, Andrew](#); [Murray, Mike](#); [Peters, Ken](#); [Ray Schneider \(schneire@westinghouse.com\)](#); [RILEY, Jim](#); [Rob Whelan \(robert.whelan@ge.com\)](#); [Robinson, Mike](#); [Rogers, James G](#); [Rudy Gil](#); [Scarola, Jim](#); [Selman, Penny](#); [Shumaker, Dennis](#); [Snyder, Kirk](#); [Stone, Jeff](#); [Taylor, Bob](#); [Terry Grebel \(tlg1@pge.com\)](#); [Thayer, Jay](#); [Vinod Aggarwal \(Vinod.aggarwal@exeloncorp.com\)](#); [Wrobel, George](#); [Yale, Bob](#)
Subject: Flooding Guidance FAQs
Date: Wednesday, August 01, 2012 4:51:21 PM
Attachments: [FAQ 005 - Seal Inspections rev 1.doc](#)
[FAQ 006 - Applicable APM Features rev 1.doc](#)

Chris, Ed;

Attached are 2 FAQs for discussion during next week's meeting. We also have a revision to the FAQ on hazard screening that I will send tomorrow.

Jim Riley

Nuclear Energy Institute
1776 I St. N.W., Suite 400
Washington, DC 20006
www.nei.org

phone: (202) 739-8137
cell: (202) 439-2459
fax: (202) 533-0193



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Inquiry Form – Industry Approval

A. TOPIC: Applicable Features for Quantifying APM	
Source document: _____ NEI 12-07 _____	Section: _____ 3.13 & 5.8 _____
B. DESCRIPTION:	
Sections 3.13 and 5.8 provide a definition, description, and examples for Available Physical Margin (APM). In Section 3.13, APM is defined as "the difference between licensing basis flood height and the flood height at which water could affect an SSC important to safety". This inquiry is intended to clarify the latter part of this definition, considering that that some features will not have a clearly defined exceedance height.	
C. Initiator:	
Name: _____ Joe Bellini _____	Phone: _____ (610) 877-6022 _____
Date: _____ 7/24/12 _____	E-Mail: _____ joe.bellini@amec.com _____
D. RESOLUTION: (Include additional pages if necessary. Total pages: _____ 1 _____)	
Inquiry number: _____ 006 _____	Priority: _____ H _____
Sections 3.13 and 5.8 provide a definition, description, and examples for Available Physical Margin (APM). In Section 3.13, APM is defined as "the difference between licensing basis flood height and the <u>flood height at which water could affect an SSC important to safety</u> ". The latter (<u>underlined</u>) part of the definition is interpreted as the height at which the flood protection capability of a feature is exceeded. For some features, the exceedance height can be clearly defined (e.g. flood walls, levees, dikes, cofferdams, flood gates, the elevation of unsealed penetrations or other openings, etc.). For other features (e.g. seal, plug, or water-tight door pressure ratings, pump flow rates, etc.), the exceedance height cannot be clearly defined without performing an engineering analysis that is beyond the scope of the flooding walkdowns. As a result, capturing APM for features other than those which require a simple measurement of a physical dimension is not considered within the scope of the flooding walkdowns.	
Revision: _____ 1 _____	Date: _____ 7/25/12 _____
E. NRC Review:	
Not Necessary _____	Necessary _____ X _____
Explanation: _____	
F. Industry Approval:	
Documentation Method: _____	Date: _____