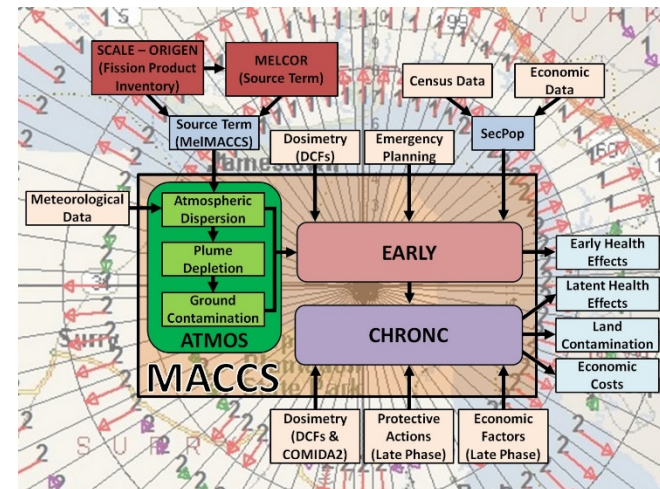




September 2016
Bethesda, Maryland

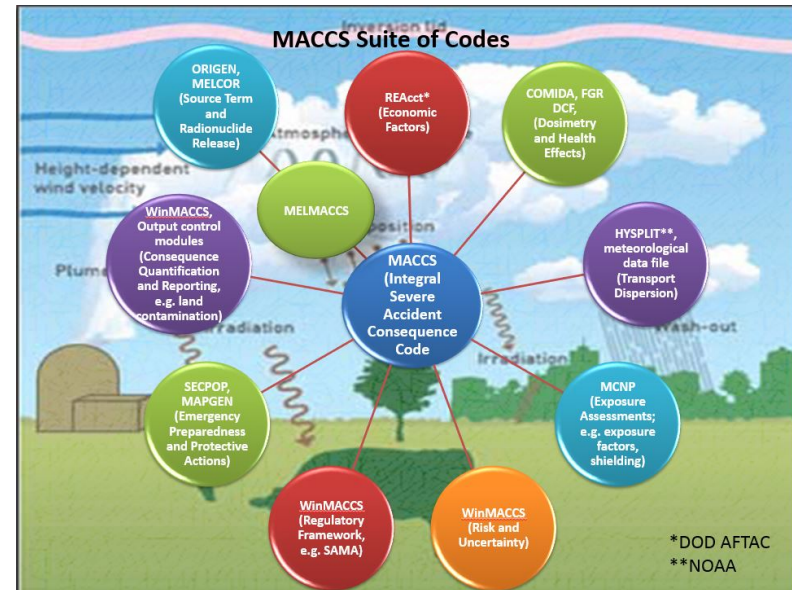


Are we “there” yet?

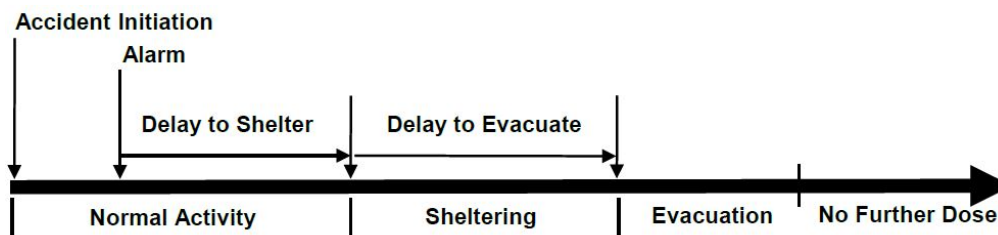


Severe Accident Offsite Consequence Analyses

- Probabilistic Safety Assessments (PSAs)
 - NUREG-1150
 - Level-3 PRA
- Severe accident studies
 - State of the Art Reactor Consequence Analysis (SOARCA)
 - Peach Bottom and Surry Uncertainty Analyses
 - Spent Fuel Pool Consequence Study
 - BWR Mark I and II Containment Venting Study
- Environmental studies
 - Severe Accident Mitigation Alternative (SAMA) - License extension
 - Severe Accident Mitigation Design Alternative (SAMDA) - New reactor applications



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- The diagram is a circular representation of a road network or navigation system. It consists of several concentric rings. The innermost ring is a solid red circle. The next ring out contains small black dots. Subsequent rings contain larger numbers (1 through 6) and arrows pointing radially outward. The arrows are colored red, green, and purple. The outermost ring contains labels for various roads and locations, including Johnson Rd, West Blvd, S. 1st St, S. 2nd St, S. 3rd St, S. 4th St, S. 5th St, S. 6th St, S. 7th St, S. 8th St, S. 9th St, S. 10th St, S. 11th St, S. 12th St, S. 13th St, S. 14th St, S. 15th St, S. 16th St, S. 17th St, S. 18th St, S. 19th St, S. 20th St, S. 21st St, S. 22nd St, S. 23rd St, S. 24th St, S. 25th St, S. 26th St, S. 27th St, S. 28th St, S. 29th St, S. 30th St, S. 31st St, S. 32nd St, S. 33rd St, S. 34th St, S. 35th St, S. 36th St, S. 37th St, S. 38th St, S. 39th St, S. 40th St, S. 41st St, S. 42nd St, S. 43rd St, S. 44th St, S. 45th St, S. 46th St, S. 47th St, S. 48th St, S. 49th St, S. 50th St, S. 51st St, S. 52nd St, S. 53rd St, S. 54th St, S. 55th St, S. 56th St, S. 57th St, S. 58th St, S. 59th St, S. 60th St, S. 61st St, S. 62nd St, S. 63rd St, S. 64th St, S. 65th St, S. 66th St, S. 67th St, S. 68th St, S. 69th St, S. 70th St, S. 71st St, S. 72nd St, S. 73rd St, S. 74th St, S. 75th St, S. 76th St, S. 77th St, S. 78th St, S. 79th St, S. 80th St, S. 81st St, S. 82nd St, S. 83rd St, S. 84th St, S. 85th St, S. 86th St, S. 87th St, S. 88th St, S. 89th St, S. 90th St, S. 91st St, S. 92nd St, S. 93rd St, S. 94th St, S. 95th St, S. 96th St, S. 97th St, S. 98th St, S. 99th St, S. 100th St.
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International MACCS User Group (IMUG)

- Cooperative Severe Accident Research Program (CSARP)
 - Working to enhance nuclear safety worldwide
 - Improving realism and reliability of the severe accident codes
 - Leveraging resources to apply, develop, and maintain the codes
- IMUG Meeting
 - Facilitate the exchange of information and research among MACCS code users in various countries
 - Share experience between users of different consequence codes
 - Identify code deficiencies and improvements
 - Share MACCS developments and updates

Moving Forward with IMUG

- We are still going “there,” so...please
 - Engage
 - Collaborate
 - Share
 - Advance safety

