

REQUEST FOR ADDITIONAL INFORMATION
LICENSE AMENDMENT REQUEST TO ADOPT
NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 805
PERFORMANCE-BASED STANDARD FOR FIRE PROTECTION FOR LIGHT WATER
REACTOR GENERATING PLANTS
CALLAWAY PLANT
(TAC NO. ME7046)

Office of Nuclear Reactor Regulation
Division of Risk Assessment
PRA Licensing Branch

PRA RAI 23.

In the response to PRA RAI 23, the following needs additional clarification. The last bullet in the list of the basis for assuming a peak transient HRR of 69 kW cites the test results from Table G-7 of NUREG/CR-6850, stating that "... the types of fires that can be expected in these rooms (i.e., polyethylene trash can or bucket containing rags and paper) were measured at peak HRRs of 34 kW or below." This is true except for one test, SNL-Nowlen, Test #9, where a 50 kW HRR during the first 15 min was observed. Since this test involved a much larger trash can (30 gal) than any of the others (maximum of 5 gal), the bullet should add either of the following clarifications: (1) "i.e., a maximum-sized polyethylene trash can or bucket of ~5 gal. containing rags or paper;" or (2) "were measured at peak HRRs of 50 kW or less." Provide the appropriate clarification.