Item A-32: Missile Effects

DESCRIPTION

Historical Background

This NUREG-0371[1] item addresses three types of missiles for which impact effects on nuclear power plant structures, systems, and components important to safety must be evaluated. These missiles are also addressed in Item A-38, "Tornado Missiles"; Item A-37, "Turbine Missiles"; and for the most energetic accident-induced missile, Item B-68, "PWR Pump Overspeed During LOCA."

Safety Significance

Besides the "safety" issues A-37, A-38, and B-68, this issue has no additional safety significance.

Possible Solutions

The end product of this task is to develop quantitative measures of the margins of safety and to assure that demonstrable margins are present in all aspects of missile protection; however, this is no more than the individual products of Items A-37, A-38, and B-68 stated one more time in one more generic issue.

CONCLUSION

This issue is covered in Items A-37, A-38, and B-68 and has been addressed in the prioritization of these items in this report.

[1] NUREG-0371, "Task Action Plans for Generic Activities (Category A)," U.S. Nuclear Regulatory Commission, November 1978.