



# NRC NEWS

**U. S. NUCLEAR REGULATORY COMMISSION**

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## **NRC ISSUES DRAFT REPORT ON FIRE HAZARD CALCULATIONS FOR NUCLEAR POWER PLANTS**

The Nuclear Regulatory Commission has issued a draft report describing state-of-the-art methods for performing fire dynamics calculations at nuclear power plants.

The report, "Fire Dynamics Tools (FDTs) - Quantitative Fire Hazard Analysis Methods for the U.S. Nuclear Regulatory Commission Fire Protection Inspection Program (Draft NUREG-1805)," will help agency inspectors perform quick, first-order calculations for potential fire scenarios, using principles of fire dynamics. The NRC inspectors will be able to use the analytical methods and computer spreadsheets to perform evaluations of credible fires that could cause critical damage to essential equipment necessary for post-fire safe-shutdown of the plants.

Copies of draft NUREG-1805 and associated software are available on-line at: <http://www.nrc.gov/reading-rm/doc-collections/nuregs/docs4comment.html> . A single free copy of the report with CD Rom is available, as long as supplies last, from the Reproduction and Distribution Services Section, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555; fax: 301-415-2289; e-mail: [DISTRIBUTION@nrc.gov](mailto:DISTRIBUTION@nrc.gov) .

Interested persons are invited to submit comments on the draft report and suggestions for improvements within the 60-day period after publication of a Federal Register notice on this subject, expected shortly. The comments should be sent by e-mail to [nxi@nrc.gov](mailto:nxi@nrc.gov) , faxed to 301/415-2300, or sent by regular mail to Naeem Iqbal, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Mail Stop O-11-A11, Washington, D.C. 20555-0001.

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