

Abstract: Described herein are multiplayer transition-edge sensor (TES) having improved performance, a method for preparing them and methods of using them. Specifically, the improvement lies in providing normal metal strips along the edges of the superconducting and normal metal layers parallel to the current flow in the TES during operation. These strips (hereinafter referred to as "banks") provide for both improved detector performance and improved detector robustness against corrosion. This improvement is an important advance particularly for the TES-based microcalorimeter detector. The improved TESs also have many other applications based on the very precise thermometer function achieved by the TES.

Dated: July 5, 2001.

Karen H. Brown

Acting Director.

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BILLING CODE 3510-13-M

DEPARTMENT OF COMMERCE

National Institute of Standards and Technology

[Notice 2]

National Fire Codes: Request for Proposals for Revision of Codes and Standards

AGENCY: National Institute of Standards and Technology, Commerce.

ACTION: Notice.

SUMMARY: The National Fire Protection Association (NFPA) proposes to revise some of its fire safety codes and standards and requests proposals from the public to amend existing or begin the process of developing new NFPA fire safety codes and standards. The purpose of this request is to increase public participation in the system used by NFPA to develop its codes and standards. The publication of this notice by the National Institute of Standards and Technology (NIST) on behalf of NFPA is being undertaken as a public service; NIST does not necessarily endorse, approve, or recommend any of the standards referenced in the notice.

DATES: Interested persons may submit proposals on or before the dates listed with the standards.

ADDRESSES: Casey C. Grant, Secretary, Standards Council, NFPA, 1 Batterymarch Park, Quincy, Massachusetts 02269-9101.

FOR FURTHER INFORMATION CONTACT:

Casey C. Grant, Secretary, Standards Council, at above address, and by phone (617) 770-3000.

SUPPLEMENTARY INFORMATION:

Background

The National Fire Protection Association (NFPA) develops building, fire, and electrical safety codes and standards. Federal agencies frequently use these codes and standards as the basis for developing Federal regulations

concerning fire safety. Often, the Office of the Federal Register approves the incorporation by reference of these standards under 5 U.S.C. 552(a) and 1 CFR Part 51.

Request for Proposals

Interested persons may submit proposals, supported by written data, views, or arguments to Casey C. Grant, Secretary, Standards Council, NFPA, 1 Batterymarch Park, Quincy, Massachusetts 02269-9101. Proposals should be submitted on forms available from the NFPA Codes and Standards Administration Office.

Each person must include his or her name and address, identify the document and give reasons for the proposal. Proposals received before 5:00 PM local time on the closing date indicated would be acted on by the Committee. The NFPA will consider any proposal that it receives on or before the date listed with the code or standards.

At a later date, each NFPA Technical Committee will issue a report, which will include a copy of written proposals that have been received, and an account of the disposition of each proposal by the NFPA Committee as the Report on Proposals. Each person who has submitted a written proposal will receive a copy of the report.

Dated: July 5, 2001.

Karen Brown,

Acting Director.

NFPA No.	Title	Proposal closing date
NFPA 14-2000	Standard for the Installation of Standpipe, Private Hydrants, and Hose Systems	7/6/2001
NFPA 16-1999	Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems.	7/6/2001
NFPA 20-1999	Standard for the Installation of Stationary Pumps for Fire Protection	12/28/2001
NFPA 22-1998	Standard for Water Tanks for Private Fire Protection	7/6/2001
NFPA 30A-2000	Code for Motor Fuel Dispensing Facilities and Repair Garages	12/28/2001
NFPA 50A-1999	Standard for Gaseous Hydrogen Systems at Consumer Sites	6/28/2002
NFPA 50B-1999	Standard for Liquefied Hydrogen Systems at Consumer Sites	6/28/2002
NFPA 51B-1999	Standard for Fire Prevention During Welding, Cutting, and Other Hot Work	12/28/2001
NFPA 55-1998	Standard for the Storage, Use, and Handling of Compressed and Liquefied Gases in Portable Cylinders.	7/6/2001
NFPA 80-1999	Standard for Fire Doors and Fire Windows	8/1/2001
NFPA 85-2001	Boiler and Combustion Systems Hazards Code	6/28/2002
NFPA 86-1999	Standard for Ovens and Furnaces	12/28/2001
NFPA 86C-1999	Standard for Industrial Furnaces Using a Special Processing Atmosphere	12/28/2001
NFPA 88B-1997	Standard for Repair Garages	7/6/2001
NFPA 97-2000	Standard Glossary of Terms Relating to Chimneys, Vents, and Heat-Producing Appliances.	7/6/2001
NFPA 105-1999	Recommended Practice for the Installation of Smoke-Control Door Assemblies	7/6/2001
NFPA 123-1999	Standard for Fire Prevention and Control in Underground Bituminous Coal Mines ...	7/6/2001
NFPA 130-2000	Standard for Fixed Guideway Transit and Passenger Rail Systems	7/6/2001
NFPA 140-1999	Standard for Motion Picture and Television Production Studio Soundstages and Approved Production Facilities.	7/6/2001
NFPA 211-2000	Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances	7/6/2001
NFPA 225-P ¹	Standard for Manufactured Home Sites, Communities, and Setups	7/6/2001
NFPA 230-1999	Standard for the Fire Protection of Storage	7/6/2001
NFPA 252-1999	Standard Methods of Fire Tests of Door Assemblies	12/28/2001
NFPA 256-1998	Standard Methods of Fire Tests of Roof Coverings	7/6/2001
NFPA 259-1998	Standard Test Method for Potential Heat of Building Materials	7/6/2001

NFPA No.	Title	Proposal closing date
NFPA 260–1998	Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture.	12/28/2001
NFPA 261–1998	Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes.	12/28/2001
NFPA 272–1999	Standard Method of Test for Heat and Visible Smoke Release Rates for Upholstered Furniture Components or Composites and Mattresses Using an Oxygen Consumption Calorimeter.	7/6/2001
NFPA 285–1998	Standard Method of Test for the Evaluation of Flammability Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components Using the Intermediate-Scale, Multistory Test Apparatus.	12/28/2001
NFPA 295–1998	Standard for Wildfire Control	12/28/2001
NFPA 302–1998	Fire Protection Standard for Pleasure and Commercial Motor Craft	12/28/2001
NFPA 497–1997	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas.	7/6/2001
NFPA 499–1997	Recommend Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas.	7/6/2001
NFPA 501–2000	Standard on Manufactured Housing	7/6/2001
NFPA 501A–2000	Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities.	7/6/2001
NFPA 551–P ¹	Guide for the Evaluation of Fire Risk Assessments	6/28/2002
NFPA 720–1998	Recommended Practice for the Installation of Carbon Monoxide (CO) and Fuel Gas Alarm Systems and Equipment.	7/6/2001
NFPA 750–2000	Standard on Water Mist Fire Protection Systems	7/6/2001
NFPA 801–1998	Standard for Fire Protection for Facilities Handling Radioactive Materials	7/6/2001
NFPA 1006–2000	Standard for Rescue Technician Professional Qualifications	7/6/2001
NFPA 1141–1998	Standard for Fire Protection in Planned Building Groups	12/28/2001
NFPA 1670–1999	Standard on Operations and Training for Technical Rescue Incidents	6/28/2002
NFPA 1901–1999	Standard for Automotive Fire Apparatus	9/28/2001
NFPA 1965–P ¹	Standard for Hose Connected Appliances	12/28/2001
NFPA 1977–1998	Standard on Protective Clothing and Equipment for Wildland Fire Fighting	12/31/2001

¹ Proposed NEW drafts are available from NFPA's Website—www.nfpa.org or may be obtained from NFPA's Codes and Standards Administration, 1 Batterymarch Park, Quincy, MA 02269.

[FR Doc. 01–17299 Filed 7–10–01; 8:45 am]

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DEPARTMENT OF COMMERCE

National Institute of Standards and Technology

[Notice 1]

National Fire Codes: Request for Comments on NFPA Technical Committee Reports

AGENCY: National Institute of Standards and Technology, Commerce.

ACTION: Notice.

SUMMARY: The National Fire Protection Association (NFPA) revises existing standards and adopts new standards twice a year. At both its November Meeting and its May Meeting, the NFPA acts on recommendations made by its technical committees.

The purpose of this notice is to request comments on the technical reports that will be presented at NFPA's 2002 May Meeting. The publication of this notice by the National Institute of Standards and Technology (NIST) on behalf of NFPA is being undertaken as a public service; NIST does not

necessarily endorse, approve, or recommend any of the standards referenced in the notice.

DATES: The Building Code is published in a separate "Report on Proposals" and will be available on July 27, 2001. Comments received on or before October 5, 2001, will be considered by the Building Code Project before NFPA takes final action on the proposals.

Fifty-four reports are being published in the "2002 May Meeting Report on Proposals" and will be available on July 27, 2001. Comments received on or before October 5, 2001 will be considered by the respective NFPA Committees before final action is taken on the proposal.

ADDRESSES: The "2002 May Meeting Report on Proposals" and the "2002 Building Code Report on Proposals" are available and downloadable from NFPA's Website—www.nfpa.org or by requesting a copy from the NFPA, Fulfillment Center, 11 Tracy Drive, Avon, MA 02322. Comments on the report should be submitted to Casey C. Grant, Secretary, Standards Council, NFPA, 1 Batterymarch Park, P.O. Box 9101, Quincy, Massachusetts 02269–9101.

FOR FURTHER INFORMATION CONTACT:

Casey C. Grant, Secretary, Standards Council, NFPA, 1 Batterymarch Park, Quincy, MA 02269–9101, (617) 770–3000.

SUPPLEMENTARY INFORMATION:

Background

The National Fire Protection Association (NFPA) develops building, fire, and electrical safety codes and standards. Federal agencies frequently use these codes and standards as the basis for developing Federal regulations concerning fire safety. Often, the Office of the **Federal Register** approve the incorporation by reference of these standards under 5 U.S.C. 552(a) and 1 CFR Part 51.

Revisions of existing standards and adoption of new standards are reported by the technical committees at the NFPA's November Meeting or the May Meeting each year. The NFPA invites public comment on its Reports on Proposals.

Request for Comments

Interested persons may participate in these revisions by submitting written data, views, or arguments to Casey C. Grant, Secretary, Standards Council, NFPA, 1 Batterymarch Park, Quincy,