

From: Alexander Adams
To: Blanca Hinojosa
Date: 11/14/2007 6:07:19 PM
Subject: Re: PINS ANS-19.11-200x for Review

Blanca

I approve the PINS for ANS-19.11-200x as written.

Alexander Adams Jr.
Senior Project Manager
US Nuclear Regulatory Commission
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>>> "Blanca Hinojosa" <BHinojosa@ans.org> 10/31/2007 2:33 PM >>>
Dear N17 Committee Members,

Attached you will find for your review and approval the PINS form along with the vote/comment form for:

ANS-19.11-200x, "Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for Water Moderated Power Reactors"

Page 1 of the PINS form must be approved as this information is submitted to ANSI. Page 2 of the PINS form is background information for Standards Committee purposes only and does not require approval.

Please remember that non-responses are considered Approved. Any comments you might have are requested by November 29, 2007.

Warm Regards,
Blanca

Blanca Hinojosa
Standards Assistant
American Nuclear Society
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LaGrange Park, IL 60526
708.579.8268
email: bhinojosa@ans.org

CC: Anthony Mendiola; dxc1

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Subject: Re: PINS ANS-19.11-200x for Review
Creation Date 11/14/2007 6:07:19 PM
From: Alexander Adams

Created By: AXA@nrc.gov

Recipients

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Options

Expiration Date: None
Priority: Standard
ReplyRequested: No
Return Notification: None

Concealed Subject: No
Security: Standard

PINS: PROJECT INITIATION NOTIFICATION SYSTEM FORM (Rev. 1/05)

*NOTE: Adoptions of international standards require compliance with ANSI's Sales & Exploitation Policy.

1. Designation of Proposed Standard:		ANS-19.11	
2. Title of Standard:		Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for Water Moderated Power Reactors	
3. Project Intent: (Check the applicable box below)		Supersedes or Affects: (Specify designation of approved ANSI standard(s) or international standard(s)* affected or superseded.)	
Create new standard			
*Adopt identical international standard (see Expedited Procedures, Section 1.2.9.2, Annex H: IDT and Annex I)			
*Adopt modified international standard (see Requirements Associated, Section 1.2.9.1, Annex H: MOD and Annex I)			
*AND this adoption revises this current ANS			
Revise current standard		x	ANS-19.11-1997;R2002
Revise and Re-designate current standard			
Revise, Re-designate and Consolidate current standard			
Revise and Partition current standard			
Reaffirm current standard			
Reaffirm and Re-designate current standard			
Supplement to a current standard			
Withdraw current standard			
4. This standard contains excerpted text from an international standard, but is not an ISO or IEC adoption.		Check here if this standard includes excerpted text from an ISO or IEC standards but is not an identical or modified adoption of an international standard.	
5. Provide an explanation of the need for the project: (If revision, note need for revision due to new reports, tests, data, etc.)		The previous version of the standard is 10 years old and needs to be updated to reflect changes in the way the MTC is measured. Some of the methods described in that version have been modified or are no longer in widespread use.	
6. Identify the stakeholders (e.g., telecom, consumer, medical, environmental, etc.) likely to be directly impacted by the standard:		PWR vendors, utilities with operating or planned PWRs	
7. Scope Summary: (Provide a one paragraph description, not to exceed 650 characters including spaces. Should be written as it will appear in the published standard (present tense verb). If necessary, scope in standard may be longer provided that it is editorially the same.)		This standard provides guidance and specifies criteria for determining the MTC in water moderated power reactors. Measurement of the isothermal temperature coefficient of reactivity (ITC) at hot zero power (HZIP) conditions is covered in ANSI/ANS 19.6.1-1985, "Reload Startup Physics Tests for Pressurized Water Reactors." This standard therefore addresses the calculation of the ITC at HZIP and the calculation and measurement of the MTC at power. At present, this standard addresses the calculation and measurement of the MTC only in PWRs, because that is the only type of power reactor currently sited in the United States for which measurement of the MTC is required.	
8. Consumer Product or Service:		Check here if standard covers Consumer or Service Product	
9. Units of Measurement Used: (check one)		Metric	US <input checked="" type="checkbox"/> Both <input type="checkbox"/> NA <input type="checkbox"/>
10. Accredited Standards Developer Acronym:		ANS	
11. Submitter: (Specify submitter's name and complete contact information, address, phone, email, etc.)	Name/Title:	Patricia Schroeder / Standards Administrator	
	Organization:	American Nuclear Society	
	Address:	555 North Kensington Avenue	
	City, ST, Zip:	La Grange Park, IL 60526	
	Phone/Fax:	1(708) 579-8269 • 1 (708) 352-6464	
	Email:	pschroeder@ans.org	

The information on this page is not an official part of the ANSI PINS form. It was designed for ANS Standards Committee purposes to provide more background information about the standard. It is not required that this section be approved. Only the ANSI PINS form on page 1 requires approval.

Project #: ANS-19.11

1. Purpose:

This standard provides guidance and specifies criteria for measuring and calculating the moderator temperature coefficient of reactivity (MTC) in water moderated power reactors. Measurement of the isothermal temperature coefficient of reactivity (ITC) at hot zero power (HZIP) conditions is covered in ANSI/ANS 19.6.1-1985, "Reload Startup Physics Tests for Pressurized Water Reactors." This standard therefore addresses the calculation of the ITC at HZIP and the calculation and measurement of the MTC at power. At present, this standard addresses the calculation and measurement of the MTC only in PWRs, because that is the only type of power reactor currently sited in the United States for which measurement of the MTC is required.

2. Benefit to Users:

This standard provides guidance and specifies criteria for measuring and calculating the moderator temperature coefficient of reactivity (MTC) in water moderated power reactors.

3. Consensus Body:

N17

4. Subcommittee under which it is assigned:

ANS-19

5. Working Group Chair (s):

Russell D. Mosteller, Los Alamos National Laboratory

6. Working Group Members (including organizations):

Steven P. Baker, Transware Enterprises
Doug Brown, Framatome ANP
Robert J. Borland, FirstEnergy Nuclear Operating Company
James C. Brittingham, Arizona Public Service Company
Robert A. Hall, Dominion Energy
Robert St. Clair, Duke Power
Mike Todosow, Brookhaven National Laboratory

7. Interests Represented in Development of Standard (in addition to members' organizations, other affiliations that may be represented important to the development of this standard):

Robert J. Borland (ANS-19.6.1 Working Group Member)

8. Coordination and Interfaces (Liaison):

None

9. Related Standards or References, or Both:

ANS-19.6.1

10. Project Initiation Date:

July 2005