

**From:** Harper, Wayne A. [WAHARPER@energy-northwest.com]  
**Sent:** Monday, December 07, 2009 11:26 AM  
**To:** Taylor, Gabriel  
**Subject:** RE: NUREG 1924 Edits for Columbia Generating Station  
**Attachments:** NUREG-1924 edits for CGS.doc; FW: Industry Comments on Draft NUREG 1924, "Electric Raceway Fire Barrier Systems in U.S. Nuclear Power Plants," Docket ID NRC-2009-0442

Mr. Taylor,

I just wanted to verify you had incorporated my comments on NUREG-1924. The Word file is attached that I sent Mark Salley on 9/30/09..

Some of the other comments not on the attached file are:

- Note that section 5 does not include fire rated cable. However, it is addressed for Farley and McGuire, so I included it for Columbia.
- Table 1-1 and Appendix F should remove Thermo-Lag and include Whittaker MI Cable for CGS. We have Thermo-Lag, but not as a credited ERFBS. The 805 column in Appendix F should say No.

Thanks!

Wayne A. Harper  
Consulting Fire Protection Engineer  
Energy Northwest  
Columbia Generating Station  
509-377-8528  
[waharper@energy-northwest.com](mailto:waharper@energy-northwest.com)

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**From:** Salley, MarkHenry [mailto:MarkHenry.Salley@nrc.gov]  
**Sent:** Thursday, October 01, 2009 5:35 AM  
**To:** Harper, Wayne A.  
**Cc:** 'sph@nei.org'; Burk, Richard A.; Taylor, Gabriel  
**Subject:** Re: NUREG 1924 Edits for Columbia Generating Station

Thanx Wayne. Gabe will look your comments over and get back to you with any questions.

MHS

Sent from an NRC Blackberry  
Mark Henry Salley  
301-281-7310

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**From:** Harper, Wayne A. <WAHARPER@energy-northwest.com>  
**To:** Salley, MarkHenry

**Cc:** HUTCHINS, Steven <sph@nei.org>; Burk, Richard A. <rburk@energy-northwest.com>  
**Sent:** Wed Sep 30 20:49:04 2009  
**Subject:** FW: NUREG 1924 Edits for Columbia Generating Station

Mr. Mark Salley,

I have not had time to review the entire NUREG-1924, but have provided revised wording describing the ERFBS for CGS. See the attached file.

Note that section 5 does not include fire rated cable. However, it is addressed for Farley and McGuire, so I included it for Columbia.

Table 1-1 and Appendix F should remove Thermo-Lag and include Whittaker MI Cable for CGS. We have Thermo-Lag, but not as a credited ERFBS. The 805 column in Appendix F should say No.

Thanks!

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**From:** HUTCHINS, Steven [mailto:sph@nei.org]  
**Sent:** Tuesday, September 29, 2009 7:45 AM  
**To:** bijan.najafi@saic.com; BRADLEY, Biff; Brenda Simril; BUTLER, John; Canavan, Ken; CHOMOS, Sandy; christopher.pragman@exeloncorp.com; Collyer, Barry; Czufin, David; dean\_tolete@dom.com; denis.shumaker@pseg.com; djgofort@duke-energy.com; fdgarret@apsc.com; Glenn Stewart; Gorman, Tom; Harper, Wayne A.; james.hallenbeck@exeloncorp.com; JDLATTNE@southernco.com; Jeffery.Ertman@pgnmail.com; jhicks1@txu.com; joe.w.donahue@pgnmail.com; MARION, Alex; richterk@songs.sce.com; rimuenc@wcnoc.com; rkassawa@epri.com; RWILFERD@apsc.com; Steven Hardy; Andy Ratchford; Ashley Mossa; asingh2@luminant.com; RPWhite@erineng.com; Clarence.L.Worrell@us.westinghouse.com; David.j.finnicum@us.westinghouse.com; dennis.henneke@ge.com; dparker3148@yahoo.com; gregory.krueger@exeloncorp.com; paul.j.hijeck@us.westinghouse.com; Randy Jamison; RBK@epm-inc.com; Rodney.Wilferd@aps.com; steve.hardy@pgnmail.com; tswieci@entergy.com; vjpatton@firstenergycorp.com  
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**Subject:** NUREG 1924

Good Morning Fire Protection Working Group, Circuit Failure Issue Task Force and Fire Protection Site and Corporate Contact List.

This email is to provide you with a copy of NUREG 1924, "Electric Raceway Fire Barrier Systems in U.S. Nuclear Power Plants", Draft Report for Comment. . I have not seen the FRN yet but the comment period will be 60 days, ending in November. Chapter Six contains Plant specific usage and resolution of issues. I would suggest you read it very carefully and determine if the NRC documented your specific situation correctly.

NEI will be issuing a APC letter to your Utility indicating your ability to provide comments on this document, but I wanted to get this in front of you as soon as possible. I have also included the Presentation the NRC gave at the Forum this year concerning the NUREG.

**Steven P. Hutchins**  
**Senior Project Manager**  
**Fire Protection**

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### E-mail Properties

Mail Envelope Properties (59077E5E5FC2724AA8B696165E5528A701D11183)

Subject: RE: NUREG 1924 Edits for Columbia Generating Station  
Sent Date: 12/7/2009 11:26:23 AM  
Received Date: 12/7/2009 11:26:23 AM  
From: Harper, Wayne A.

Created By: WAHARPER@energy-northwest.com

Recipients:  
Gabriel.Taylor@nrc.gov (Taylor, Gabriel)  
Tracking Status: None

Post Office:  
server17.domain1.energy-northwest.com

Files	Size	Date & Time
MESSAGE	252099	12/7/2009
NUREG-1924 edits for CGS.doc	32064	
FW Industry Comments on Draft NUREG 1924 Electric Raceway Fire Barrier Systems in U.S. Nuclear Power Plants Docket ID NRC-2009-0442.msg	197650	

Options  
Expiration Date:  
Priority: olImportanceNormal  
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Return Notification: False

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Recipients received: