



**RSCC Wire & Cable LLC**  
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December 22, 2014

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Subject: Reply to Unresolved Item  
NRC Inspection Report No. 99901443/2014-202  
URI 99901442/2014-202-02

Dear Sir/Madam,

URI 99901442/2014-202-02 is stated as follows:

The NRC inspection team reviewed CAR 14-074, dated March 21, 2014. The CAR documented that Korea Hydro and Nuclear Power Co., Ltd. (KHNP) required a shield discontinuity test per the ICEA S-73-532 standard in their procurement specification. RSCC did not perform this test before shipping it to KHNP. KHNP subsequently rejected the shipment upon receipt inspection. RSCC, as part of their corrective actions, updated their applicable work instructions to perform the shield discontinuity test if required by the customer. However, RSCC did not evaluate to see if there were any other customers that may have also required this test which was also missed by RSCC. The NRC inspection team will need to review RSCC's evaluation to determine if a nonconformance has occurred. This issue is categorized as an Unresolved Item (URI).

Please find the following attachments in support of closing this issue:

10CFR21 Evaluation Meeting Minutes dated 10/10/2014  
10CFR21 Evaluation Meeting Minutes dated 12/4/2014

Regards,

David A Murphy  
Director of Quality Assurance  
RSCC Wire & Cable LLC

Cc: Steve Bonnell, Group President, Marmon Specialty Wire & Cable Group  
Mike Mennone, Vice President and GM, RSCC Utility Group  
Chief, Construction Electrical Vendor Branch, Division of Construction Inspection and Operational Programs, Office of New Reactors

JE09  
NRO

## 10CFR21 EVALUATION

Date: October 10, 2014

Attendees: Mike Mennone – VP & GM, Utility Cell  
E Rasmussen – Director of Engineering  
David Murphy – Director of QA

**Required Evaluation Completion Date:** December 9, 2014

**Reference:** NCR 5300-QN202-01428 – Shield Discontinuity Test Failures

**Potential Defect:**

The shield continuity tests required by S-73-532 were not identified as required tests on cables with copper tape shields for the SKN 3&4 project.

**RSCC Wire & Cable Evaluation of the Potential Defect:**

RSCC must identify each product code that uses a copper tape shield and evaluate if the requirement for a shield continuity test is identified. Those product codes that do not have the test called out will be further evaluated against the procurement requirements of the customer for applicability of the test.

Specification Engineering will review the product codes and contact QA when the applicable product codes have been identified.



David A Murphy, Director of QA

Cc: Steve Bonnell – President  
Robert Gehm – Manager of Applications Engineering  
Dan Mainstruck – Manager, Specification Engineering  
Ross Murphy – Specification Engineer



## 10CFR21 EVALUATION

Date: December 4, 2014

Attendees: Mike Mennone – VP & GM, Utility Cell  
Eric Rasmussen – Director of Engineering  
David Murphy – Director of QA  
Robert Gehm – Manager of Applications Engineering  
Dan Mainstruck – Manager, Specification Engineering

**Required Evaluation Completion Date:** December 9, 2014

**Reference:** NCR 5300-QN202-01428 – Shield Discontinuity Test Failures

**Potential Defect:**

The shield continuity tests required by ICEA S-73-532 were not identified as required tests on cables with copper tape shields for the SKN 3&4 project.

**RSCC Wire & Cable Evaluation of the Potential Defect:**

Each product code that uses a copper tape shield was identified and evaluated by Specifications Engineering against technical procurement requirements. All test protocols for safety-related cables shipped to US power plants were found to meet the technical procurement requirements.

Electrical test technicians whose experience spans the last 34 years were interviewed in order to determine whether shield continuity tests were performed. The individuals indicated that shield continuity is generally performed on all shielded cables and only documented if called for by the MIT.

Based on this evaluation 10CFR21 notification is not required.

  
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David A Murphy, Director of QA

Cc: Steve Bonnell – President  
Ross Murphy – Specification Engineer  
Rob Konnik – Chief innovation Officer, Marmon Innovation Group

