



CONVERSATION RECORD

1-27-16

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Keith Burns

DATE OF CONTACT

See Below

TYPE OF CONVERSATION

E-MAIL

TELEPHONE

INCOMING

OUTGOING

E-MAIL ADDRESS

TELEPHONE NUMBER

(304) 725-7041

ORGANIZATION

General Power and Water Corporation

DOCKET NUMBER(S)

71-9215

LICENSE NUMBER(S)

CONTROL NUMBER(S)

SUBJECT

71.95 Report Discussion

SUMMARY

Neutron Products generated a 71.95 report on October 15, 2015 (ML15314A032). The 71.95 report stated that corrosion had been identified where 12 gauge metal and 2 x 2 x 3/16 angle iron, materials used to fabricate the outer shell of the package, are connected by a stitch weld. The 71.95 report identified that the stitch weld allowed water to intrude between the 12 gauge metal and the 2 x 2 x 3/16 angle iron which caused corrosion in both the 12 gauge metal and 2 x 2 x 3/16 angle iron over time. However, the corrective actions described in the 71.95 report referenced seal welds. When the Nuclear Regulatory Commission was unable to identify either stitch welds or seal welds on the non-public design drawings for the affected package component, the Nuclear Regulatory Commission contacted Neutron Products on January 19, 2016 seeking clarification of the weld information contained in the 71.95 report. Neutron Products committed to providing an answer by the next day. On January 20, 2016, Neutron Products contacted the Nuclear Regulatory Commission and explained that the weld information in the 71.95 report was correct. Neutron Products explained that, since the non-public design drawing did not identify a specific type of weld, the affected component for some packages employed stitch welds while others employed seal welds. In determining their corrective action, Neutron Products had decided to exclusively employ seal welds when joining the 12 gauge metal to the 2 x 2 x 3/16 angle iron in fabricating the outer metal shell of the package. The Nuclear Regulatory Commission noted in the 71.95 report that little credit is given in the safety analysis report for the presence of the outer metal shell, and in some respects, the outer metal shell is considered somewhat sacrificial.

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ACTION REQUIRED (IF ANY)

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NAME OF PERSON DOCUMENTING CONVERSATION

Chris Allen

SIGNATURE

William C. Allen