

Nordion International
NR-220-S-111-S

(-337 source)

From: <walker.r@atomcon.gc.ca>
To: TWD2.TWP8(slb)
Date: 1/30/97 12:42pm
Subject: Radiography Sources

Steve:

MDS Nordion (new name for Nordion International Inc.) have made a proposal to us regarding a new method of constructing their radiography sources. It involves the use of a "roll pin" or "spring pin" which would be used to connect the actual source capsule to the leading end of the pigtail. The actual structure is hard to describe in words, but the end result is that the integrity of the source assembly now relies partly on this spring pin connection.

Nordion is adamant that:

- more can do this pin* → 1. the model numbers of these re-designed sources do not change, and
document first would send the photo to (ANSI) the new design → 2. they will not fix this pin by swaging the ends so that it can't vibrate loose.

They ended their last correspondence with us by saying that they seek our "approval to implement this design change for all sources in a manner that.....does not affect USNRC sealed source registrations".

I can't believe that they would try to get around your SS&D approval process by using their old model numbers, but it's a possibility we must consider (they tried to blow this major design change past the AECB with just a phone call).

I note in the September/96 SS&D Newsletter that the Nordion C-337 has just been approved by the NRC, and this is the old number of one the models they've told us they're going to modify. Did their request for your approval include the design change using the roll pin connection?

Thanks,

Bob Walker
AECB
Canada

roll/spring pin ⇒ design Δ

need to amend sheet

H. B. (1/31/97)

Send H/call Nordion

we want to Δ, please be aware that this appears to be a design change ~~and~~ which may affect the integrity of the source assembly. ~~that~~ must be reviewed & must be approved