

## Video Transcript – Mo-99 at Nordion

May 30, 2017

**Jamie:** I'm here with Rob Hall, Production Manager at Nordion.

**Jamie:** Rob, I understand you manage the Mo-99 production team at Nordion, and have for some time. Exactly how long have you been at Nordion and working with moly?

**Rob:** I've been at Nordion for the past 27 years and I've been lucky enough to be the Production Manager for moly for the past eleven years.

**Jamie:** So, you have a lot of experience with moly, what about your team?

**Rob:** The team here at Nordion – technicians and the teams that support the operation – all have the ability, the training, and the experience to produce high quantities of moly at any given time. Combined, the Production Team itself has 80 plus years of experience in producing Mo-99.

**Jamie:** When NRU stopped making moly on November 1st, what did that mean for your team?

**Rob:** Well first of all, we developed a plan to be on hot stand-by between now and the end of March 2018 in case there was a global crisis – global shortage – that we would be ready to go, and we were able to maintain our full production capability.

**Jamie:** So, how are you ensuring that the moly technicians can step right back into what I'm assuming is a fairly complicated process, one which they may not have performed in some time?

**Rob:** So, to be a Mo-99 technician you have to have knowledge, skills, and physical fitness to handle the manipulators when making such a valuable product. So to ensure that the techs can step right back into the process without risking injury to themselves, they are maintaining their training, they are doing scheduled simulated runs to stay mentally and physically in shape. They really are industrial athletes – and we want them ready to go.

**Jamie:** So if there is a global shortage?

**Rob:** It provides a great peace of mind for the global nuclear medicine community that Nordion is capable of this and it also ensures we'll be ready when we return to market with our new source of Mo-99.

**Jamie:** Okay, I'm here with Jason Biesenthal. He's a senior moly technician at Nordion. Jason, given that Nordion is not currently making Mo-99, what does the life of a Nordion moly technician look like since November 1<sup>st</sup>?

**Jason:** Actually, not that much has changed; we've just transitioned from "producing moly" to "ready-to-produce-moly". We still execute full scale inactive moly runs on a regular basis.

**Jamie:** But you're not currently shipping moly, so why would you invest the time in full-scale moly production processes?

**Jason:** The moly process is technically and physically intense, so we need to make sure that our training is up to date and that we're in a ready state to manufacture moly.

**Jamie:** When I was talking to Rob, he referred to moly technicians as industrial athletes. That's pretty high praise. What do you think of this term?

**Jason:** Well, what I think Rob means by that is that our years of training and experience on manipulators, it sort of becomes second nature to us, but without maintaining our training and conditioning we could definitely see a spike in injuries.

**Jamie:** Okay, so Nordion moly technicians are ready to produce, but is there anything else required to ensure Nordion is 100 percent prepared to step up in the event of a global Mo-99 shortage?

**Jason:** Our moly production hot cells, manipulators, they are all maintained to be in a production ready state. Our Quality Control facilities are ready for use. We also ensure that our chem-prep. lab, all supporting equipment, facilities, inventory, everything has been maintained according to Nordion's strict operating procedures and our calibration schedules.

**Jamie:** I guess all this preparedness would also apply to when Nordion is ready to start producing and shipping the new source of moly?

**Jason:** Yeah, for sure! We're ready to go. The only thing left for us to do is to start loading up our fleet of containers with this critical life-saving product.

**Jamie:** Great, thanks Jason.

**Jason:** Thank you.