

**From:** Sreenivas, V  
**Sent:** Thursday, January 28, 2010 9:46 AM  
**To:** tom.shaub@dom.com; tom.szymanski@dom.com; david.summer@dom.com  
**Cc:** Kulesa, Gloria; Cotton, Karen; Phalen, Martin; Blechman, Paula  
**Subject:** SURRY AND NORTH ANNA POWER STATIONS, REQUEST FOR ADDITIONAL INFORMATION

**REQUEST FOR ADDITIONAL INFORMATION (RAI) FOR SURRY (SPS) AND NORTH ANNA POWER STATIONS (NAPS)**  
**(TAC NOS. ME2835, ME2836, ME2828 AND ME2829)**

1. Attachment – 1, page 6 of 11, the first paragraph of item “Intertek Heat and Flame Assessment” states that:  
Dominion obtained a new Fire Hawk Self-Contained Breathing Apparatus (SCBA) from Mine Safety Appliance Company (MSA) and charged it with 35/65 at SPS. This SCBA was then sent to Intertek to have a Heat and Flame Resistance test performed per NFPA 1981. The tested SCBA used a fully pressurized 4500 psig cylinder so as to bound all Dominion applications (i.e., low and high pressure) and was equipped with a HYCAR rubber Ultra Elite facepiece. (Note: Silicone facepieces fail Chemical, Biological, Radiological, Nuclear (CBRN) testing and were therefore not considered by Dominion for use due to site fire and security commonality considerations.) Please provide a commitment to ensure that only the HYCAR rubber facepieces with Fire Hawk SCBAs charged with 35/65 air will be used at SPS and NAPS.
2. Attachment – 2, page 5, section 5.0 “Recommendations” states that “if the following recommendations are implemented, there are no fire hazards associated with the use of this equipment.” Specifically:
  - a. The presence of hydrocarbon contaminants in components such as the flex hoses could lead to bum out due to rapid pressurization ignition. Therefore, it is recommended to ensure that the SCBA's are not contaminated with hydrocarbons.
  - b. It is recommended that if any of the Cylinder Valves become difficult to seal, the valves are removed and replaced. These valves must not be used to throttle the system as this can lead to seat damage and increase the risk of ignition.
  - c. It is recommended to ensure that this component is not contaminated with hydrocarbon contaminants to reduce the risk of ignition by rapid pressurization.
  - d. It is recommended that if this regulator becomes difficult to fully close, it is removed and replaced. (1<sup>st</sup> Stage Regulator)

Please submit a copy of MSA Firehawk Vendor manual or guidance document and Dominion's commitment to ensure compliance with use, maintenance, care, cleanliness, and repair protocols as per the document, and all applicable NIOSH requirements (i.e. fittings, materials, use, etc.) excluding the requirement for using Grade D quality breathing air.

3. As per Intertek Tests, please provide the heating and flame resistance test performed temperature, in degrees Fahrenheit.

Please submit the docketed response to these RAI's by February 15, 2010.

Docket Nos. 50-280, 50-281 for SURRY and 50-338, 50-339 for NAPS

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