

## HCVS Guidance Inquiry Form

**A. TOPIC:** HCVS Toolbox Approach for Collateral Actions

Inq. No.: HCVS-FAQ-09

Source document: NEI 13-02

Sections: Order EA-13-109, Element 1.2.4, 1.2.5, 1.2.6, NEI 13-02 Section 4.2.2, 4.2.3 4.2.4

**B. DESCRIPTION:**

Document the use of Toolbox approach for collateral actions that will be symptom based but are within the skill of the craft or general personnel knowledge.


*Order Element 1.2.4 states, "The HCVS shall be designed to be manually operated during sustained operations from a control panel located in the main control room or a remote but readily accessible location."*

*Order Element 1.2.5 states, "The HCVS shall, in addition to meeting the requirements of 1.2.4, be capable of manual operation (e.g., reach-rod with hand wheel or manual operation of pneumatic supply valves from a shielded location), which is accessible to plant operators during sustained operations."*

*Order Element 1.2.6 states, "The HCVS shall be capable of operating with dedicated and permanently installed equipment for at least 24 hours following the loss of normal power or loss of normal pneumatic supplies to air operated components during an extended loss of AC power."*

**C. PROPOSED ANSWER** (Include additional pages if necessary. Total pages: 1)

Examples of acceptable toolbox approach for collateral actions are:

- Opening doors when room temperatures become elevated
- Using flashlights to supplement pathway use
- Exchange of personnel, use of ice vests, etc. when action is in an uncomfortable environment  not life threatening
- Utilizing small fans for air movement, possibly powered from small portable generators and extension cords
- Utilization of PC to address localized contamination concerns

**D. RESOLUTION:** (Include additional pages if necessary. Total pages: 1)

Revision: 0 Date: \_\_\_\_\_

**E. NRC Review:**

Not Necessary \_\_\_\_\_ Interpretation X Agency Position \_\_\_\_\_

Explanation: \_\_\_\_\_

**F. Industry Approval:**

Documentation Method: FAQ

Date: \_\_\_\_\_