

SummerRAIsPEm Resource

From: KELLENBERGER, NICHOLAS ROY <NICHOLAS.R.KELLENBERGER@scana.com>
Sent: Wednesday, July 13, 2016 3:38 PM
To: Gleaves, Bill
Cc: Hoellman, Jordan; Patel, Chandu; BARWICK, BRYAN A; Quarles, Adam Graham; RICE, APRIL R; Haggerty, Neil
Subject: [External_Sender] RE: WEC LAR 22
Attachments: Pages from ML15351A165 VCS LAR-15-15 Revision 0.pdf

Billy,

Attached are some explanatory notes made on the markups of Figure 9.4.3-1 (Sheet 2 of 3) from the LAR. We intend to talk to these during the meeting tomorrow.

Thanks,

Nick

From: Gleaves, Bill [mailto:Bill.Gleaves@nrc.gov]
Sent: Wednesday, July 13, 2016 7:17 AM
To: KELLENBERGER, NICHOLAS ROY; SummerRAIsPEm Resource
Cc: Patel, Chandu; Hoellman, Jordan
Subject: RE: WEC LAR 22

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Nick,

The clarifications that we're looking for are below. We will discuss at the Thursday public meeting. This email will be put into public ADAMS. SNC is the lead for this particular action. Once we discuss these clarifications, we can decide whether RAIs are required.

1. There seems to be some inconsistencies in LAR 15-15 relating to which airborne radiation monitors monitor which building zones.

-At the top of page 4 of 18 and in the middle of page 5 of 18 (in Encl. 1), the LAR states that the first zone (annex building and part of the auxiliary building) is monitored by radiation detector VAS-JE-RE003 while the second zone (remainder of auxiliary building) is monitored by VAS-JE-RE002.

-On page 8 or 18 and 11 of 18 (in Encl. 1), the LAR states that the first zone (auxiliary building) is monitored by radiation detector VAS-JE-RE002 while the second zone (annex building and remainder of auxiliary building) is monitored by VAS-JE-RE003 and VAS-JE-RE008.

Please clarify these apparent inconsistencies in the LAR and describe which airborne radiation monitors are associated with monitoring which building zones.

2. It is unclear whether all three of the radiation monitors (VAS-JE-RE002, VAS-JE-RE003, and VAS-JE-RE008) are capable of initiating closure of the supply and exhaust duct isolation dampers for each associated zone and starting the containment air filtration system when high airborne radioactivity in the exhaust air duct is detected.

-The first paragraph on page 11 of 18 states that “each associated zone exhaust radiation monitor provides signals to alarm in the main control room... and start a containment air filtration exhaust unit.” (This indicates that all three monitors can start the containment air filtration system)

-The third paragraph on page 11 of 18 states that either “auxiliary building exhaust radiation detector BAS-JE-RE003 or annex building exhaust radiation detector BAS-JE-RE008 can separately provide signals to alarm in the main control room, to initiate closure of the zone supply and exhaust air isolation dampers, ... and to start a containment air filtration exhaust unit.” (This indicates that two of the three monitors can start the containment air filtration system)

-Proposed UFSAR Figure 9.4.3-1 (sheet 2 of 3) shows dashed lines (indicating the filtered exhaust path used when radiation is detected) coming from only two of the three monitored areas (those areas monitored by radiation monitors VAS-JE-RE002 and VAS-JE-RE008). (This indicates that the third radiation monitor, VAS-JE-RE003, does not have the capability to start the containment air filtration system when high airborne radioactivity in the exhaust air duct is detected.)

Please clarify if each of the three radiation monitors is capable of starting the containment air filtration system when high airborne radioactivity in the associated exhaust air duct is detected.

Billy

William (Billy) Gleaves

Lead Project Manager for

V.C. Summer Units 2 and 3

Licensing Branch 4

US NRC, Office of New Reactors

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From: KELLENBERGER, NICHOLAS ROY [<mailto:NICHOLAS.R.KELLENBERGER@scana.com>]

Sent: Tuesday, July 12, 2016 3:44 PM

To: Gleaves, Bill

Subject: [External_Sender] WEC LAR 22

Billy,

SNC, WEC and SCE&G can support a discussion on Thursday for WEC LAR 22 (SCE&G LAR 15-15). We look forward to seeing the questions.

Thanks,

Nick Kellenberger

Interim Licensing Supervisor

New Nuclear Deployment

V.C. Summer Nuclear Station

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UFSAR Figure 9.4.3-1 (Sheet 2 of 3) Radiologically Controlled Area Ventilation System Piping and Instrumentation Diagram (REF) VAS 003 & 010

Revise Figure as shown below:

