

Request for Additional Information No. 27, Revision 0

7/29/2008

U. S. EPR Standard Design Certification
AREVA NP Inc.
Docket No. 52-020
SRP Section: 18 - Human Factors Engineering
Application Section: 18.1.1.5
COLP Branch

QUESTIONS

18-1

NUREG 0711 section 2.4.1 (5): *Plant personnel who should be included in the HFE Program encompass licensed control room operators, as defined in 10 CFR Part 55, and the following categories of personnel defined in 10 CFR 50.120:*

- 1) *nonlicensed operator*
- 2) *shift supervisor*
- 3) *shift technical advisor*
- 4) *instrument and control technician*
- 5) *electrical maintenance personnel*
- 6) *mechanical maintenance personnel*
- 7) *radiological protection technician*
- 8) *chemistry technician*
- 9) *engineering support personnel*

Section 18.1.1.5 does not explicitly list nonlicensed operators, shift supervisors, or shift technical advisors. Please explain how these groups are included in the HFE program.

This section uses the term "technician generically. Please confirm "technician" includes chemistry and radiological protection technicians.
(Similar to RAI 16 from topical report ANP-10279)