

FO80 - Arc Flash Control (Rev. 0)

	YES	N/A	LOI OBSERVED
1.			Was Pre-job briefing performed with employee(s) to discuss electrical hazards, worker protection plan (WPP) requirements, and personal protective equipment (PPE) to be used? (NFPA 70E, 110.7G)
2.			Has an electrically safe work condition been achieved in accordance with established procedures, WPP and an adequately rated voltage detector used to test each conductor or circuit part to verify they are de-energized? (NPFA 70E, 120.1)
3.			Has work on energized components been justified based on increased hazards, or lockout is impractical due to equipment design or operational limitations. (NFPA 70E, 130.1)
4.			Does worker understand specific hazards associated with electrical energy, safety related work practices, WPP requirements and emergency procedures? (NFPA 70E, 110.6(A))
5.			Has an electrical hazard analysis been performed to establish the arc flash boundary, shock protection boundaries and the PPE that shall be used? .(NFPA 70E, 110.8(B)(1))
6.			Is fire retardant (FR) clothing and PPE worn as specified from the electrical hazard analysis (incident energy exposure level and shock boundary) for the task being worked? (NFPA 70E, 130.3(A))
7.			Are outer layers of FR clothing being worn when working within the arc flash boundary? (NFPA 70E, 130.7(B)(12))
8.			Does employee understand that meltable garments are not permitted, even under FR clothing? (NFPA 70E 130.7 C (12) (c))
9.			Has FR clothing been inspected prior to use to ensure it is NOT contaminated or damaged. (NFPA 70E, 130.7(C)(16))
10.			Is lighting adequate in spaces where employee(s) are working with live parts. (NFPA 70E, 130.6C))
11.			Have employees removed conductive jewelry such as watches, rings, bracelets, etc. where there is an electrical hazard due to exposed live parts. (NFPA 70E, 130.6(D))



Savannah River
Remediation

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12.			Are insulated tools used inside the limited approach boundary where tools might make accidental contact with exposed live parts (NFPA 70E, 130.7(D))
13.			Are signs, barricades or standby personnel being used to provide warning and to limit access to work areas containing live parts? (NFPA 70E, 130.7(E))
14.			Has a visual inspection of NRTL approved test instruments, power tools, equipment, their leads and cords for external defects and damage been performed before beginning work? (NFPA 70E, 110.9(A)(3))
15.			Is GFCI protection used in damp and wet locations and with portable power tools?
16.			If conditions or hazards change, does employee know the timeout/stop work program and to notify management.

Comments:

Contractor:

**P.O.
Number:** _____

Area/Location: _____

**Project
No:** _____

Print Name

Signature

Date