

## Appendix F, Attachment 5

### Guidance for Findings Where the Ignition Source Identification is Limited to Specific Sources

For certain types of specific findings, the search for fire ignition sources is limited. These cases are as follows:

#### **Findings related to hot work (e.g., a degraded hot work fire watch, or lack of adequate fire prevention/mitigation provisions during hot work)**

If the finding is against the administrative controls program and is associated with hot work permitting or fire watch elements of the program, then only the potential for hot work fires is considered. No consideration of fires initiated by the fixed or *in situ* fire ignition sources is necessary, because the risk contribution arising from such fires does not change given a finding against the hot work control programs. Note that fires initiated by hot work may well involve the ignition of, or spread to, an *in situ* or transient combustible material (e.g., cables, trash, or stored materials), but the fire ignition source is the hot work activity itself.

#### **Violations of the combustible controls program**

If the finding is against the administrative controls program and is associated with the combustible material control elements of that program, then only fires initiated in or by transient combustible materials need to be considered. Once again, no consideration of fires initiated by the fixed or *in situ* fire ignition sources is necessary, because the risk contribution arising from such fires does not change given a finding against the combustible material control programs. Note that fires initiated in a transient material may well spread to *in situ* combustible materials (e.g., cables or an adjacent electrical panel) but the fire ignition source is the transient combustible material.

#### **Finding is related to the degradation of specific portions of a water-based fire suppression system**

If a finding is related to the degradation of specific portions of a water-based fire suppression system, it may be appropriate to limit the fire ignition source search to those sources whose coverage is impacted by the specific degradation.

No other specific cases of a similar nature have been identified. However, should a fire protection program degradation finding be encountered that is very specific to fires involving one or more specific fire ignition sources, then the SDP Phase 2 analysis should be focused on only those specific sources. It is recommended that additional guidance and support in making such a decision should be sought in such cases. Careful and complete documentation of the decision will also be required.

END