

INCIDENT SAFETY ANALYSIS 215a

Tiger Island, Loins Camp Road, HWY 113 & Elizabeth Fires - Wednesday, October 04, 2023

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
All	Air Operations	<ul style="list-style-type: none"> ~ Follow " Aviation Watch-Out Situations" on page 44, IRPG. ~ Don't plan on air resources for medical transport or resupply. ~ Refer to page 57, IRPG for directing bucket drops. ~ Ensure positive communication with all air resources. ~ Be sure communications are established with air and ground personnel during bucket drops.
All	Extreme Fire Behavior	<ul style="list-style-type: none"> ~ Share weather observations with all personnel assigned to division. ~ Establish "Trigger Points" to withdraw. ~ Use "Risk Management" process prior to engaging in suppression actions, refer to page 1, IRPG. ~ Ensure availability of appropriate Air and Ground resources.
All	Heat Related Illness (HRI)& Dehydration	<ul style="list-style-type: none"> ~ Drink Fluids throughout operational period (6-8 qts/shift). ~ Maintain water/electrolyte ratio of 3 to 1. ~ Carry extra water on line and cache water at drop points. ~ Take Frequent breaks, minimum of 10 minutes every hour. ~ Allow out of area resources time to acclimatize before expecting peak performance. ~ Recognize symptoms of HEAT RELATED ILLNESS which include. <ul style="list-style-type: none"> o Lack of energy o Headaches, dizziness o Lack of rest o No hunger, poor eating habits o Hot skin, and lack of sweating
All	Driving & Traffic	<ul style="list-style-type: none"> ~ Practice "Defensive Driving" techniques traveling on all roads and city streets. ~ Use spotters when backing. ~ Railroad Crossings in area. If no barricade or warning lights are present , you must stop and look both ways. ~ Keep clutter off dash and inside cab. ~ Always use headlights. ~ Yield to pedestrians and bicycles. ~ Observe posted speed limits. ~ Use the 3 second rule for following distance when driving. ~ Avoid distractions (eating, cell phones, radio). ~ Ensure that windshields are kept clean of dust and bugs.
All	Heavy Equipment Operations	<ul style="list-style-type: none"> ~ Ensure communications are established with operators. ~ Use hand signals if other communications are unavailable. ~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber. ~ Use a spotter when backing. ~ Avoid working under excavator arm during operation. ~ During winching operations, maintain minimum of one cable length from tension area. ~ Maintain 3 points of contact at all times when entering and exiting equipment ~ Be aware of logging operations and their equipment within the fire perimeter
All	Unplanned /Unrestricted Public access and use within the fire perimeter	<ul style="list-style-type: none"> ~ Be alert of non-fire individuals and their vehicles in the fire perimeter. Hunting season is open. ~ There are no closure areas on these fires ~ As opportunity permits, communicate known hazards that exist and identify any exclusion areas ~ Post lookouts in areas with public to avoid conflicts with mission task

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All	Power Utilities	<ul style="list-style-type: none"> ~ Notify all personnel of down electrical lines. ~ Refer to the IRPG page 24 for Power Line Safety. ~ Always treat downed wires as energized. ~ Identify and avoid high tension transmission lines. ~ Identify and avoid high pressure natural gas lines. ~ Identify and avoid damaged gas service near structures. ~ Be aware of utility restoration in your work area.
All	Structure Protection & HAZMAT	<ul style="list-style-type: none"> ~ Review "Wildland Urban Interface" Watch outs, IRPG page 11. ~ Follow "HAZMAT Incident Operations" on pages 54-55 in IRPG. ~ Communicate with local emergency services for immediate structure protection. ~ Ensure line personnel are aware of the location of Oil and Gas facilities in the area. Refer to IRPG page 26 & 27.
All	Communications	<ul style="list-style-type: none"> ~ Maintain communication with aviation resources, and suppression organization. ~ Ensure all know frequency and protocol for contacting resources. ~ Utilize the ICS 205. ~ Utilize human repeaters when working in dead spots.
All	Mop-up & Rehab	<ul style="list-style-type: none"> ~ Identify and mitigate snags per IRPG. ~ Wear eye protection. ~ Be on the lookout for potentially dangerous ash pits. ~ Avoid complacency by maintaining situational awareness. ~ Always wear appropriate hearing protection.
All	Indirect Fireline	<ul style="list-style-type: none"> ~ Identify escape routes and safety zones (IRPG pg. 6). ~ Review "Strategy/Indirect Attack" (IRPG pg. 82). ~ Identify and construct safety zones as needed. ~ Bring black with you for safety zones during firing operations.
All	Wildlife	<ul style="list-style-type: none"> ~ Don't harrass or kill wildlife, Give them time to leave the area. ~ Use the info in the link tree to identify snakes. ~ Expect to see animals on the road at dusk and dawn. ~ Maintain lane control when wildlife are within the roadway.