


## Incident Status Summary (ICS-209)

Incident: **SCU Lightning Complex**

1. Incident Name: <b>SCU Lightning Complex</b>		2. Incident Number: <b>CA-SCU-005740</b>									
3. Report Version (check one box): Initial <input checked="" type="checkbox"/> Update Final	4. Incident Commander(s) & Agency or Organization: <b>J. VEIK (IC)</b>	5. Incident Management Organization: <b>Type 1 Team</b>	6. Incident Start Date/Time: Date: <b>08/16/2020</b> Time: <b>0556 PDT</b>								
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): <b>85000 Acres</b>	8a. Percent (%) Contained or Completed: <b>5 %</b>  b. Total Percentage (%) of Perimeter that will be Contained or Completed: <b>100 %</b>	9. Incident Type: <b>Wildfire</b> B. Incident Description: C. Cause: <b>Unknown</b> D. Fire Suppression Strategy:									
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Strategy</th> <th style="width: 50%;">Percent (%)</th> </tr> </thead> <tbody> <tr> <td><b>Monitor</b></td> <td></td> </tr> <tr> <td><b>Confine</b></td> <td></td> </tr> <tr> <td><b>Point Zone Protection</b></td> <td></td> </tr> <tr> <td><b>Full Suppression</b></td> <td style="text-align: center;"><b>100</b></td> </tr> </tbody> </table>		Strategy	Percent (%)	<b>Monitor</b>		<b>Confine</b>		<b>Point Zone Protection</b>	
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<b>Confine</b>											
<b>Point Zone Protection</b>											
<b>Full Suppression</b>	<b>100</b>										
		10. Incident Complexity Level: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Complex	11. Report Time Period: From Date/Time: <b>08/18/2020 1800 PDT</b> To Date/Time: <b>08/19/2020 0545 PDT</b>								
12. Prepared By: Print Name: <b>Roy Broomfield</b>  Date/Time Prepared: <b>08/19/2020 0530 PDT</b>		13. Approved By: Print Name: <b>D. Martin (DPIC)</b> Signature: 									
14. Date/Time Submitted: <b>08/19/2020 0558 PDT</b>		15. Primary Location, Organization, or Agency Sent To: <b>North Ops</b>									
16. State: <b>CA</b>	17. County / Parish / Borough: <b>Contra Costa</b>	18. City: <b>Pleasanton</b>									
19. Unit or Other:	20. Incident Jurisdiction: <b>CA-SCU</b>	21. Incident Location Ownership (if different than jurisdiction): <b>CA-SCU</b>									
22. Latitude/Longitude: Latitude: <b>37° 52' 55"</b> Longitude: <b>121° 46' 38"</b>	23. US National Grid Reference: Grid Zone: x-Coordinate: y-Coordinate:	24. Legal Description: Principal Meridian: Township:    Range:    Section: 1/4 Sec: of 1/4 Sec:									
25. Short Location or Area Description (list all affected areas or a reference point): <b>Multiple locations across Diablo Mountain Range.</b>		26. UTM Coordinates: Zone:    Easting: Northing:									
27. Note any geospatial data available (indicate data format, content, and collection time information and labels): <b><a href="https://ftp.nifc.gov/public/incident_specific_data/calif_n/!CALFIRE/!2020_Incidents/CA-SCU-005772_SCU_Lightning_Complex/">https://ftp.nifc.gov/public/incident_specific_data/calif_n/!CALFIRE/!2020_Incidents/CA-SCU-005772_SCU_Lightning_Complex/</a></b>											
28. Observed Fire Behavior or Significant Events for the Time Period Reported (describe fire behavior using accepted terminology. For non-fire incidents, describe significant events related to the materials or other causal agents):  <b>Extreme Uphill Runs</b>											

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<p><b>Group Torching</b></p> <p>Narrative:  <b>Critical rates of spread. Medium range spotting. Inaccessible steep terrain and poor overnight RH recovery. Increasing west winds over night tested the containment lines in all zones and had crews actively engaged in structure protection throughout the night.</b></p>																											
<p>29. Primary Fuel Model, Materials, or Hazards Involved (hazardous chemicals, fuel types, infectious agents, radiation, etc):</p> <p><b>Tall Grass (2.5 feet) Chaparral (6 feet)</b></p> <p>Narrative:</p>																											
<p>30. Damage Assessment Information (summarize damage and/or restriction of use or availability to residential or commercial property, natural resources, critical infrastructure and key resources, etc):</p> <p><b>The SCU LIGHTNING COMPLEX started on August 16, there are approximately 20 separate fires within the complex. The complex is broken into three zones; Canyon, Calaveras, and Deer. The fires continue to burn in steep inaccessible terrain influenced by low RH and high daytime temperatures. There is currently an excessive heat warning in place until today, Wednesday August 19, 2020.</b></p> <p><b>The following Evacuation orders and warning have been given under the complex:</b></p> <p><b>EVACUATION ORDER</b>  <b>Effective Immediately</b>  <b>North of 130 to Santa Clara County Line</b>  <b>West of San Antonio Valley Rd.</b>  <b>West of Mines Rd. to Santa Clara County Line</b>  <b>East of 3 Springs Rd. and Mt. Hampton Rd. South of Santa Clara County Line</b></p> <p><b>Alameda County:</b></p> <p><b>Welch Creek Road</b></p> <p><b>Contra Costa County:</b></p> <p><b>Marsh Creek Road round valley to Morgan Territory</b>  <b>All of Morgan Territory and Marsh Creek mobile home park</b></p> <p><b>EVACUATION WARNING</b></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">A. Structural Summary</th> <th style="width: 20%;">B. # Threatened (up to 72 hrs)</th> <th style="width: 15%;">C. # Damaged</th> <th style="width: 15%;">D. # Destroyed</th> </tr> </thead> <tbody> <tr> <td>E. Single Residences</td> <td style="text-align: center;"><b>1,403</b></td> <td style="text-align: center;"><b>0</b></td> <td style="text-align: center;"><b>0</b></td> </tr> <tr> <td>F. Multiple Residences</td> <td style="text-align: center;"><b>0</b></td> <td style="text-align: center;"><b>0</b></td> <td style="text-align: center;"><b>0</b></td> </tr> <tr> <td>G. Mixed Commercial / Residential</td> <td style="text-align: center;"><b>0</b></td> <td style="text-align: center;"><b>0</b></td> <td style="text-align: center;"><b>0</b></td> </tr> <tr> <td>H. Nonresidential Commercial Property</td> <td style="text-align: center;"><b>0</b></td> <td style="text-align: center;"><b>0</b></td> <td style="text-align: center;"><b>0</b></td> </tr> <tr> <td>I. Other Minor Structures</td> <td style="text-align: center;"><b>0</b></td> <td style="text-align: center;"><b>0</b></td> <td style="text-align: center;"><b>0</b></td> </tr> </tbody> </table>			A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed	E. Single Residences	<b>1,403</b>	<b>0</b>	<b>0</b>	F. Multiple Residences	<b>0</b>	<b>0</b>	<b>0</b>	G. Mixed Commercial / Residential	<b>0</b>	<b>0</b>	<b>0</b>	H. Nonresidential Commercial Property	<b>0</b>	<b>0</b>	<b>0</b>	I. Other Minor Structures	<b>0</b>	<b>0</b>	<b>0</b>
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<p><b>Effective Immediately</b>  <b>East of Ed Levin County Park, Felter Rd., Sierra Rd., Toyon Ave. and Mt. Hampton Rd. to 3 Springs Rd.</b>  <b>North of Mt. Hamilton Rd. to 3 Springs Rd.</b>  <b>South of Santa Clara County Line</b>  <b>West of the Fire Perimeter</b>  <b>Frank Rains Park to Mines Road</b>  <b>Del Puerto Canyon Road 1 mile to Mines Road</b></p> <p><b>Crews were actively engaged in structure defense all evening, damage assessment will start to take place today.</b></p>	
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31. Public Status Summary: <i>C. Indicate the Number of <u>Civilians</u> (Public) Below:</i>				32. Responder Status Summary: <i>C. Indicate the Number of <u>Responders</u> Below:</i>			
	Previous Report Total	A. # this Reporting Period	B. Total # to-date		Previous Report Total	A. # this Reporting Period	B. Total # to-date
D. Fatalities	0		0	D. Fatalities	0		0
E. With Injuries/Illness	0		0	E. With Injuries/Illness	0		0
F. Trapped/In Need of Rescue	0		0	F. Trapped/In Need of Rescue	0		0
G. Missing	0		0	G. Missing	0		0
H. Evacuated	0	203	903	H. Evacuated	0	203	203
I. Sheltering in Place	0		0	I. Sheltering in Place	0		0
J. In Temporary Shelters	0		0	J. In Temporary Shelters	0		0
K. Have Received Mass Immunizations	0		0	K. Have Received Mass Immunizations	0		0
L. Require Immunizations	0		0	L. Require Immunizations	0		0
M. In Quarantine	0		0	M. In Quarantine	0		0
<b>N. Total # Civilians (Public) Affected:</b>	<b>0</b>	<b>203</b>	<b>903</b>	<b>N. Total # Responders Affected:</b>	<b>0</b>	<b>203</b>	<b>203</b>

<p>33. Life, Safety, and Health Status/Threat Remarks:  <b>Fire Fighters are continuing to battle triple degree temperatures and extreme fire behavior. Crews are also practicing social distancing and taking all COVID precautions.</b></p> <p>35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern):</p> <p><b>Westerly onshore winds will increase today. This will be the first time since the fires started that they will be tested by increasing afternoon and evening westerly winds. Temperatures will be a few degrees cooler with humidity slightly higher but those changes will be negated by the stronger onshore winds. The onshore winds should allow the inversion to clear a little earlier with an injection of cleaner air aloft. However the one caveat to that is the new fires</b></p>	<p>34. Life, Safety, and Health Threat Management:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%;">Active?</th> </tr> </thead> <tbody> <tr> <td>A. No Likely Threat</td> <td></td> </tr> <tr> <td>B. Potential Future Threat</td> <td style="text-align: center;"><b>X</b></td> </tr> <tr> <td>C. Mass Notifications in Progress</td> <td style="text-align: center;"><b>X</b></td> </tr> <tr> <td>D. Mass Notifications Completed</td> <td></td> </tr> <tr> <td>E. No Evacuation(s) Imminent</td> <td></td> </tr> <tr> <td>F. Planning for Evacuation</td> <td style="text-align: center;"><b>X</b></td> </tr> <tr> <td>G. Planning for Shelter-in-Place</td> <td></td> </tr> <tr> <td>H. Evacuation(s) in Progress</td> <td style="text-align: center;"><b>X</b></td> </tr> <tr> <td>I. Shelter-in-Place in Progress</td> <td></td> </tr> <tr> <td>J. Repopulation in Progress</td> <td></td> </tr> </tbody> </table>		Active?	A. No Likely Threat		B. Potential Future Threat	<b>X</b>	C. Mass Notifications in Progress	<b>X</b>	D. Mass Notifications Completed		E. No Evacuation(s) Imminent		F. Planning for Evacuation	<b>X</b>	G. Planning for Shelter-in-Place		H. Evacuation(s) in Progress	<b>X</b>	I. Shelter-in-Place in Progress		J. Repopulation in Progress	
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<p>across the region may push smoke over the area that will affect the instability</p> <p><b>DEER ZONE:</b></p> <p><b>TEMPS: Highs 95-100</b></p> <p><b>HUMIDITY: 18-28%</b></p> <p><b>WINDS: Westerly 5-10 mph thru midday then increasing 10-15 mph with frequent gusts 25-35 mph during the afternoon.</b></p> <p><b>Calaveras Zone:</b></p> <p><b>TEMPS: Highs 90-95</b></p> <p><b>HUMIDITY: 19-25%</b></p> <p><b>WINDS: Westerly 4-8 mph thru midday then increasing 10-15 mph with frequent gusts 20 mph during the afternoon</b></p> <p><b>CANYON Zone:</b></p> <p><b>TEMPS: Highs 95-100</b></p> <p><b>HUMIDITY: 15-25%</b></p> <p><b>WINDS: Slope driven winds to 10 mph below 2000 feet otherwise Westerly 5-10 mph gusts 15 mph</b></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: center;">Active?</th> </tr> </thead> <tbody> <tr> <td>K. Mass Immunization in Progress</td> <td></td> </tr> <tr> <td>L. Mass Immunization Complete</td> <td></td> </tr> <tr> <td>M. Quarantine in Progress</td> <td></td> </tr> <tr> <td>N. Area Restriction in Effect</td> <td style="text-align: center;"><b>X</b></td> </tr> <tr> <td>O. Road Closure</td> <td style="text-align: center;"><b>X</b></td> </tr> <tr> <td>P. Trail Closure</td> <td style="text-align: center;"><b>X</b></td> </tr> <tr> <td>Q. Area Closure</td> <td style="text-align: center;"><b>X</b></td> </tr> </tbody> </table>		Active?	K. Mass Immunization in Progress		L. Mass Immunization Complete		M. Quarantine in Progress		N. Area Restriction in Effect	<b>X</b>	O. Road Closure	<b>X</b>	P. Trail Closure	<b>X</b>	Q. Area Closure	<b>X</b>
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36. Projected Incident Activity, Potential, Movement, Escalation, or Spread and influencing factors during the next operational period and in 12-, 24-, 48-, and 72-hour time frames:	
12 hours:	<b>The fires perimeter is expected to grow when in alignment with topography and the wind. Hot and dry conditions have brought fuels to a critical level, which will cause rapid fire growth.</b>
24 hours:	<b>The fires perimeter is expected to grow when in alignment with topography and the wind. Hot and dry conditions have brought fuels to a critical level, which will cause rapid fire growth.</b>
48 hours:	<b>The fires perimeter is expected to grow when in alignment with topography and the wind. Hot and dry conditions have brought fuels to a critical level, which will cause rapid fire growth.</b>
72 hours:	<b>The fires perimeter is expected to grow when in alignment with topography and the wind. Hot and dry conditions have brought fuels to a critical level, which will cause rapid fire growth.</b>
Anticipated after 72 hours:	

37. Strategic Objectives (define planned end-state for incident):  
**Fires are burning in remote places, some of the terrain has little to no fire history with decadent fuels which has allowed the fire growth to explode. Currently there is widespread threat to critical infrastructure of communications which service the San Jose Area, Pleasanton, Livermore, and Santa Clara ECC. PG&E has significant transmission assets (500kV, 230kV & 115kV lines) in Branches XXV, XV & XVI of the Marsh and Canyon fire footprints. These are significant transmission lines that serve northern and central California, including the Bay Area. These lines are critical to help maintain the stability of the electrical grid. Protection of this critical infrastructure should be a high priority. Culture assets threatened include, Sunol Regional Preserve, Ohlone Regional Preserve, and Henry Coe State Park as well as prehistoric culture sites. Threats exist to amphibious animals such as the red legged frog,**

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### **Alameda whip snake and other listed amphibians and tule elk.**

38. Current Incident Threat Summary and Risk Information in 12-, 24-, 48-, and 72-hour timeframes and beyond. Summarize primary incident threats to life, property, communities and community stability, residences, health care facilities, other critical infrastructure and key resources, commercial facilities, natural and environmental resources, cultural resources, and continuity of operations and/or business. Identify corresponding incident-related potential economic or cascading impacts:

12 hours: **Currently the fires are burning in remote places, some of the terrain has little to no fire history with decadent fuels which has allowed the fire growth to explode. Currently there is widespread threat to critical infrastructure of communications which service the San Jose Area, Pleasanton, Livermore, and Santa Clara ECC. LICK observatory on Mnt Hamilton is currently threatened. PG&E has significant transmission assets (500kV, 230kV & 115kV lines) in Branches XXV, XV & XVI of the Marsh and Canyon fire footprints. These are significant transmission lines that serve northern and central California, including the Bay Area. These lines are critical to help maintain the stability of the electrical grid. Protection of this critical infrastructure should be a high priority. Culture assets threatened include, Sunol Regional Preserve, Ohlone Regional Preserve, and Henry Coe State Park as well as threats to amphibious animals such as the red legged frog, Alameda whip snake and other listed amphibians.**

24 hours: **Currently the fires are burning in remote places, some of the terrain has little to no fire history with decadent fuels which has allowed the fire growth to explode. Currently there is widespread threat to critical infrastructure of communications which service the San Jose Area, Pleasanton, Livermore, and Santa Clara ECC. PG&E has significant transmission assets (500kV, 230kV & 115kV lines) in Branches XXV, XV & XVI of the Marsh and Canyon fire footprints. These are significant transmission lines that serve northern and central California, including the Bay Area. These lines are critical to help maintain the stability of the electrical grid. Protection of this critical infrastructure should be a high priority. Culture assets threatened include, Sunol Regional Preserve, Ohlone Regional Preserve, and Henry Coe State Park as well as threats to amphibious animals such as the red legged frog, Alameda whip snake and other listed amphibians.**

48 hours: **Currently the fires are burning in remote places, some of the terrain has little to no fire history with decadent fuels which has allowed the fire growth to explode. Currently there is widespread threat to critical infrastructure of communications which service the San Jose Area, Pleasanton, Livermore, and Santa Clara ECC. PG&E has significant transmission assets (500kV, 230kV & 115kV lines) in Branches XXV, XV & XVI of the Marsh and Canyon fire footprints. These are significant transmission lines that serve northern and central California, including the Bay Area. These lines are critical to help maintain the stability of the electrical grid. Protection of this critical infrastructure should be a high priority. Culture assets threatened include, Sunol Regional Preserve, Ohlone Regional Preserve, and Henry Coe State Park as well as threats to amphibious animals such as the red legged frog, Alameda whip snake and other listed amphibians.**

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Anticipated after 72 hours:

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39. Critical Resource Needs in 12-, 24-, 48-, and 72-hour timeframes and beyond to meet critical incident objectives. List resource category, kind, and/or type, and amount needed, in priority order:

12 hours: **24 Golf Strike Teams**  
**24 Type 3 Strike Teams**  
**1 Type 6 Strikes Team**  
**15 Type 2 IA Handcrews**  
**32 Single Dozers**  
**01 Lima Strike Teams**  
**30 Watertenders**  
**22 DIVS**  
**02 FALM**

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Anticipated after 72 hours:

40. Strategic Discussion: Explain the relation of overall strategy, constraints, and current available information to:

- 1) critical resource needs identified above,
- 2) the Incident Action Plan and management objectives and targets,
- 3) anticipated results.

Explain major problems and concerns such as operational challenges, incident management problems, and social, political, economic, or environmental concerns or impacts.

**Crews will build direct and indirect fireline where possible. The fire continues to burn in steep terrain and is influenced by terrain driven runs, extreme temperatures, and low RHs. The incident is in need of critical resources to protect sensitive wildlife and the critical power and communication infrastructure throughout the area. Heavy fire activity in the region is straining resource availability and may present a challenge to fire control.**

41. Planned Actions for Next Operational Period:

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**Crews will continue to scout for safe access points in order to construct direct and indirect fire line. Midgate ongoing structure threat, Continued recon for new starts from lightning storm on August 16, 2020. Most crews assigned to the incident were part of the initial attack.**

42. Projected Final Incident Size/Area (use unit label – e.g., "Acres", "Square Miles"):

43. Anticipated Incident Containment or Completion Date: **09/16/2020**

44. Projected Significant Resource Demobilization Start Date:

45. Estimated Incident Costs to Date: **\$2,860,961.00**

46. Projected Final Incident Cost Estimate:

47. Remarks (or continuation of any blocks above – list block number in notation):

**CALFIRE IMT 6 has transitioned all of the fires into the SCU LIGHTNING COMPLEX- CA SCU 005740 as of August 17, 2020. It is expected that more fires will become part of the SCU LIGHTNING COMPLEX.**

FIRE	STRATEGY	ACRES	CONTAINMENT	EST COST TO DATE
MARSH	100	3,000	9/16	\$80,600
CANYON	100	71000	9/16	\$2,417,929
RESERVOIR	100	8000	9/16	
DEER	100	3,000	8/22	\$241,800
ARROYO	100	190	8/22	

49. Resources (summarize resources by category, kind, and/or type; show # of resources on top 1/2 of box, show # of personnel associated with resource on bottom 1/2 of box):

48. Agency or Org		CR1	CR2	CRC	ENG3	DOZR	MCC	MKU	WTDS	50. Ovhd	51. Tot Pers
C&L	Rsrc	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	28	28
CA	Rsrc	0	0	2	0	0	0	0	0		
	Pers	0	0	23	0	0	0	0	0	1	24
CA-CDF	Rsrc	2	8	2	25	8	1	1	0		
	Pers	29	142	25	88	15	2	11	0	49	361
FS	Rsrc	0	2	0	0	0	0	0	0		
	Pers	0	28	0	0	0	0	0	0	0	28
OES	Rsrc	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	1	1
PRI	Rsrc	0	1	0	0	1	0	0	3		
	Pers	0	20	0	0	2	0	0	6	108	136
52. Total Resources		2	11	4	25	9	1	1	3		578

53. Additional Cooperating and Assisting Organizations Not Listed Above:

**Pleasanton P.D, Santa Clara Public Safety Communications, San Joaquin OES, San Joaquin County S.O, Stanislaus County S.O/OES, Santa Clara County S.O, PG&E, CHP, Alameda County S.O, Adobe Springs Water & Electric, West Side Stanislaus Resource Conservation, Stanislaus County S.O, Stanislaus County Fire Dept, Stanislaus OES, TID Power, Contra Costa OES, and Santa Clara OES.**





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3. Report Version (check one box): Initial <input checked="" type="checkbox"/> Update Final	4. Incident Commander(s) & Agency or Organization: <b>J. VEIK (IC)</b>	5. Incident Management Organization: <b>Type 1 Team</b>	6. Incident Start Date/Time: Date: <b>08/16/2020</b> Time: <b>0556 PDT</b>								
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): <b>85000 Acres</b>	8a. Percent (%) Contained or Completed: <b>5 %</b>  b. Total Percentage (%) of Perimeter that will be Contained or Completed: <b>100 %</b>	9. Incident Type: <b>Wildfire</b> B. Incident Description: C. Cause: <b>Unknown</b> D. Fire Suppression Strategy:									
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Strategy</th> <th style="width: 50%;">Percent (%)</th> </tr> </thead> <tbody> <tr> <td><b>Monitor</b></td> <td></td> </tr> <tr> <td><b>Confine</b></td> <td></td> </tr> <tr> <td><b>Point Zone Protection</b></td> <td></td> </tr> <tr> <td><b>Full Suppression</b></td> <td style="text-align: center;"><b>100</b></td> </tr> </tbody> </table>		Strategy	Percent (%)	<b>Monitor</b>		<b>Confine</b>		<b>Point Zone Protection</b>	
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<b>Confine</b>											
<b>Point Zone Protection</b>											
<b>Full Suppression</b>	<b>100</b>										
10. Incident Complexity Level: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Complex		11. Report Time Period: From Date/Time: <b>08/18/2020 1800 PDT</b> To Date/Time: <b>08/19/2020 0545 PDT</b>									
12. Prepared By: Print Name: <b>Roy Broomfield</b>  Date/Time Prepared: <b>08/19/2020 0530 PDT</b>		13. Approved By: Print Name: <b>D. Martin (DPIC)</b>  Signature:									
14. Date/Time Submitted: <b>08/19/2020 0558 PDT</b>		15. Primary Location, Organization, or Agency Sent To: <b>North Ops</b>									
16. State: <b>CA</b>	17. County / Parish / Borough: <b>Contra Costa</b>	18. City: <b>Pleasanton</b>									
19. Unit or Other:	20. Incident Jurisdiction: <b>CA-SCU</b>	21. Incident Location Ownership (if different than jurisdiction): <b>CA-SCU</b>									
22. Latitude/Longitude: Latitude: <b>37° 52' 55"</b> Longitude: <b>121° 46' 38"</b>		23. US National Grid Reference: Grid Zone: x-Coordinate: y-Coordinate:	24. Legal Description: Principal Meridian: Township: Range: Section: 1/4 Sec: of 1/4 Sec:								
25. Short Location or Area Description (list all affected areas or a reference point): <b>Multiple locations across Diablo Mountain Range.</b>			26. UTM Coordinates: Zone: Easting: Northing:								
27. Note any geospatial data available (indicate data format, content, and collection time information and labels): <b><a href="https://ftp.nifc.gov/public/incident_specific_data/calif_n/!CALFIRE/!2020_Incidents/CA-SCU-005772_SCU_Lightning_Complex/">https://ftp.nifc.gov/public/incident_specific_data/calif_n/!CALFIRE/!2020_Incidents/CA-SCU-005772_SCU_Lightning_Complex/</a></b>											
28. Observed Fire Behavior or Significant Events for the Time Period Reported (describe fire behavior using accepted terminology. For non-fire incidents, describe significant events related to the materials or other causal agents):  <b>Extreme Uphill Runs</b>											

## Incident Status Summary (ICS-209)

Incident: **SCU Lightning Complex**

<p><b>Group Torching</b></p> <p>Narrative:  <b>Critical rates of spread. Medium range spotting. Inaccessible steep terrain and poor overnight RH recovery. Increasing west winds over night tested the containment lines in all zones and had crews actively engaged in structure protection throughout the night.</b></p>																											
<p>29. Primary Fuel Model, Materials, or Hazards Involved (hazardous chemicals, fuel types, infectious agents, radiation, etc):</p> <p><b>Tall Grass (2.5 feet) Chaparral (6 feet)</b></p> <p>Narrative:</p>																											
<p>30. Damage Assessment Information (summarize damage and/or restriction of use or availability to residential or commercial property, natural resources, critical infrastructure and key resources, etc):</p> <p><b>The SCU LIGHTNING COMPLEX started on August 16, there are approximately 20 separate fires within the complex. The complex is broken into three zones; Canyon, Calaveras, and Deer. The fires continue to burn in steep inaccessible terrain influenced by low RH and high daytime temperatures. There is currently an excessive heat warning in place until today, Wednesday August 19, 2020.</b></p> <p><b>The following Evacuation orders and warning have been given under the complex:</b></p> <p><b>EVACUATION ORDER</b>  <b>Effective Immediately</b>  <b>North of 130 to Santa Clara County Line</b>  <b>West of San Antonio Valley Rd.</b>  <b>West of Mines Rd. to Santa Clara County Line</b>  <b>East of 3 Springs Rd. and Mt. Hampton Rd. South of Santa Clara County Line</b></p> <p><b>Alameda County:</b></p> <p><b>Welch Creek Road</b></p> <p><b>Contra Costa County:</b></p> <p><b>Marsh Creek Road round valley to Morgan Territory</b>  <b>All of Morgan Territory and Marsh Creek mobile home park</b></p> <p><b>EVACUATION WARNING</b></p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 33%;">A. Structural Summary</th> <th style="width: 33%;">B. # Threatened (up to 72 hrs)</th> <th style="width: 17%;">C. # Damaged</th> <th style="width: 17%;">D. # Destroyed</th> </tr> </thead> <tbody> <tr> <td>E. Single Residences</td> <td><b>1,403</b></td> <td><b>0</b></td> <td><b>0</b></td> </tr> <tr> <td>F. Multiple Residences</td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> </tr> <tr> <td>G. Mixed Commercial / Residential</td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> </tr> <tr> <td>H. Nonresidential Commercial Property</td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> </tr> <tr> <td>I. Other Minor Structures</td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> </tr> </tbody> </table>			A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed	E. Single Residences	<b>1,403</b>	<b>0</b>	<b>0</b>	F. Multiple Residences	<b>0</b>	<b>0</b>	<b>0</b>	G. Mixed Commercial / Residential	<b>0</b>	<b>0</b>	<b>0</b>	H. Nonresidential Commercial Property	<b>0</b>	<b>0</b>	<b>0</b>	I. Other Minor Structures	<b>0</b>	<b>0</b>	<b>0</b>
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## Incident Status Summary (ICS-209)

Incident: **SCU Lightning Complex**

<p><b>Effective Immediately</b>  <b>East of Ed Levin County Park, Felter Rd., Sierra Rd., Toyon Ave. and Mt. Hampton Rd. to 3 Springs Rd.</b>  <b>North of Mt. Hamilton Rd. to 3 Springs Rd.</b>  <b>South of Santa Clara County Line</b>  <b>West of the Fire Perimeter</b>  <b>Frank Rains Park to Mines Road</b>  <b>Del Puerto Canyon Road 1 mile to Mines Road</b></p> <p><b>Crews were actively engaged in structure defense all evening, damage assessment will start to take place today.</b></p>	
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31. Public Status Summary: <i>C. Indicate the Number of <u>Civilians</u> (Public) Below:</i>				32. Responder Status Summary: <i>C. Indicate the Number of <u>Responders</u> Below:</i>			
	Previous Report Total	A. # this Reporting Period	B. Total # to-date		Previous Report Total	A. # this Reporting Period	B. Total # to-date
D. Fatalities	0		0	D. Fatalities	0		0
E. With Injuries/Illness	0		0	E. With Injuries/Illness	0		0
F. Trapped/In Need of Rescue	0		0	F. Trapped/In Need of Rescue	0		0
G. Missing	0		0	G. Missing	0		0
H. Evacuated	0	203	903	H. Evacuated	0	203	203
I. Sheltering in Place	0		0	I. Sheltering in Place	0		0
J. In Temporary Shelters	0		0	J. In Temporary Shelters	0		0
K. Have Received Mass Immunizations	0		0	K. Have Received Mass Immunizations	0		0
L. Require Immunizations	0		0	L. Require Immunizations	0		0
M. In Quarantine	0		0	M. In Quarantine	0		0
<b>N. Total # Civilians (Public) Affected:</b>	<b>0</b>	<b>203</b>	<b>903</b>	<b>N. Total # Responders Affected:</b>	<b>0</b>	<b>203</b>	<b>203</b>

<p>33. Life, Safety, and Health Status/Threat Remarks:  <b>Fire Fighters are continuing to battle triple degree temperatures and extreme fire behavior. Crews are also practicing social distancing and taking all COVID precautions.</b></p> <p>35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern):   <b>Westerly onshore winds will increase today. This will be the first time since the fires started that they will be tested by increasing afternoon and evening westerly winds. Temperatures will be a few degrees cooler with humidity slightly higher but those changes will be negated by the stronger onshore winds. The onshore winds should allow the inversion to clear a little earlier with an injection of cleaner air aloft. However the one caveat to that is the new fires</b></p>	<p>34. Life, Safety, and Health Threat Management:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%;">Active?</th> </tr> </thead> <tbody> <tr> <td>A. No Likely Threat</td> <td></td> </tr> <tr> <td>B. Potential Future Threat</td> <td style="text-align: center;">X</td> </tr> <tr> <td>C. Mass Notifications in Progress</td> <td style="text-align: center;">X</td> </tr> <tr> <td>D. Mass Notifications Completed</td> <td></td> </tr> <tr> <td>E. No Evacuation(s) Imminent</td> <td></td> </tr> <tr> <td>F. Planning for Evacuation</td> <td style="text-align: center;">X</td> </tr> <tr> <td>G. Planning for Shelter-in-Place</td> <td></td> </tr> <tr> <td>H. Evacuation(s) in Progress</td> <td style="text-align: center;">X</td> </tr> <tr> <td>I. Shelter-in-Place in Progress</td> <td></td> </tr> <tr> <td>J. Repopulation in Progress</td> <td></td> </tr> </tbody> </table>		Active?	A. No Likely Threat		B. Potential Future Threat	X	C. Mass Notifications in Progress	X	D. Mass Notifications Completed		E. No Evacuation(s) Imminent		F. Planning for Evacuation	X	G. Planning for Shelter-in-Place		H. Evacuation(s) in Progress	X	I. Shelter-in-Place in Progress		J. Repopulation in Progress	
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## Incident Status Summary (ICS-209)

Incident: **SCU Lightning Complex**

<p><b>across the region may push smoke over the area that will affect the instability</b></p> <p><b>DEER ZONE:</b></p> <p><b>TEMPS: Highs 95-100</b></p> <p><b>HUMIDITY: 18-28%</b></p> <p><b>WINDS: Westerly 5-10 mph thru midday then increasing 10-15 mph with frequent gusts 25-35 mph during the afternoon.</b></p> <p><b>Calaveras Zone:</b></p> <p><b>TEMPS: Highs 90-95</b></p> <p><b>HUMIDITY: 19-25%</b></p> <p><b>WINDS: Westerly 4-8 mph thru midday then increasing 10-15 mph with frequent gusts 20 mph during the afternoon</b></p> <p><b>CANYON Zone:</b></p> <p><b>TEMPS: Highs 95-100</b></p> <p><b>HUMIDITY: 15-25%</b></p> <p><b>WINDS: Slope driven winds to 10 mph below 2000 feet otherwise Westerly 5-10 mph gusts 15 mph</b></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: center;">Active?</th> </tr> </thead> <tbody> <tr> <td>K. Mass Immunization in Progress</td> <td></td> </tr> <tr> <td>L. Mass Immunization Complete</td> <td></td> </tr> <tr> <td>M. Quarantine in Progress</td> <td></td> </tr> <tr> <td>N. Area Restriction in Effect</td> <td style="text-align: center;">X</td> </tr> <tr> <td>O. Road Closure</td> <td style="text-align: center;">X</td> </tr> <tr> <td>P. Trail Closure</td> <td style="text-align: center;">X</td> </tr> <tr> <td>Q. Area Closure</td> <td style="text-align: center;">X</td> </tr> </tbody> </table>		Active?	K. Mass Immunization in Progress		L. Mass Immunization Complete		M. Quarantine in Progress		N. Area Restriction in Effect	X	O. Road Closure	X	P. Trail Closure	X	Q. Area Closure	X
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36. Projected Incident Activity, Potential, Movement, Escalation, or Spread and influencing factors during the next operational period and in 12-, 24-, 48-, and 72-hour time frames:

12 hours:	<b>The fires perimeter is expected to grow when in alignment with topography and the wind. Hot and dry conditions have brought fuels to a critical level, which will cause rapid fire growth.</b>
24 hours:	<b>The fires perimeter is expected to grow when in alignment with topography and the wind. Hot and dry conditions have brought fuels to a critical level, which will cause rapid fire growth.</b>
48 hours:	<b>The fires perimeter is expected to grow when in alignment with topography and the wind. Hot and dry conditions have brought fuels to a critical level, which will cause rapid fire growth.</b>
72 hours:	<b>The fires perimeter is expected to grow when in alignment with topography and the wind. Hot and dry conditions have brought fuels to a critical level, which will cause rapid fire growth.</b>

Anticipated after 72 hours:

37. Strategic Objectives (define planned end-state for incident):

**Fires are burning in remote places, some of the terrain has little to no fire history with decadent fuels which has allowed the fire growth to explode. Currently there is widespread threat to critical infrastructure of communications which service the San Jose Area, Pleasanton, Livermore, and Santa Clara ECC. PG&E has significant transmission assets (500kV, 230kV & 115kV lines) in Branches XXV, XV & XVI of the Marsh and Canyon fire footprints. These are significant transmission lines that serve northern and central California, including the Bay Area. These lines are critical to help maintain the stability of the electrical grid. Protection of this critical infrastructure should be a high priority. Culture assets threatened include, Sunol Regional Preserve, Ohlone Regional Preserve, and Henry Coe State Park as well as prehistoric culture sites. Threats exist to amphibious animals such as the red legged frog,**



## Incident Status Summary (ICS-209)

Incident: **SCU Lightning Complex**

### **Alameda whip snake and other listed amphibians and tule elk.**

38. Current Incident Threat Summary and Risk Information in 12-, 24-, 48-, and 72-hour timeframes and beyond. Summarize primary incident threats to life, property, communities and community stability, residences, health care facilities, other critical infrastructure and key resources, commercial facilities, natural and environmental resources, cultural resources, and continuity of operations and/or business. Identify corresponding incident-related potential economic or cascading impacts:

12 hours: **Currently the fires are burning in remote places, some of the terrain has little to no fire history with decadent fuels which has allowed the fire growth to explode. Currently there is widespread threat to critical infrastructure of communications which service the San Jose Area, Pleasanton, Livermore, and Santa Clara ECC. LICK observatory on Mnt Hamilton is currently threatened. PG&E has significant transmission assets (500kV, 230kV & 115kV lines) in Branches XXV, XV & XVI of the Marsh and Canyon fire footprints. These are significant transmission lines that serve northern and central California, including the Bay Area. These lines are critical to help maintain the stability of the electrical grid. Protection of this critical infrastructure should be a high priority. Culture assets threatened include, Sunol Regional Preserve, Ohlone Regional Preserve, and Henry Coe State Park as well as threats to amphibious animals such as the red legged frog, Alameda whip snake and other listed amphibians.**

24 hours: **Currently the fires are burning in remote places, some of the terrain has little to no fire history with decadent fuels which has allowed the fire growth to explode. Currently there is widespread threat to critical infrastructure of communications which service the San Jose Area, Pleasanton, Livermore, and Santa Clara ECC. PG&E has significant transmission assets (500kV, 230kV & 115kV lines) in Branches XXV, XV & XVI of the Marsh and Canyon fire footprints. These are significant transmission lines that serve northern and central California, including the Bay Area. These lines are critical to help maintain the stability of the electrical grid. Protection of this critical infrastructure should be a high priority. Culture assets threatened include, Sunol Regional Preserve, Ohlone Regional Preserve, and Henry Coe State Park as well as threats to amphibious animals such as the red legged frog, Alameda whip snake and other listed amphibians.**

48 hours: **Currently the fires are burning in remote places, some of the terrain has little to no fire history with decadent fuels which has allowed the fire growth to explode. Currently there is widespread threat to critical infrastructure of communications which service the San Jose Area, Pleasanton, Livermore, and Santa Clara ECC. PG&E has significant transmission assets (500kV, 230kV & 115kV lines) in Branches XXV, XV & XVI of the Marsh and Canyon fire footprints. These are significant transmission lines that serve northern and central California, including the Bay Area. These lines are critical to help maintain the stability of the electrical grid. Protection of this critical infrastructure should be a high priority. Culture assets threatened include, Sunol Regional Preserve, Ohlone Regional Preserve, and Henry Coe State Park as well as threats to amphibious animals such as the red legged frog, Alameda whip snake and other listed amphibians.**

72 hours: **Currently the fires are burning in remote places, some of the terrain has little to no fire history with decadent fuels which has allowed the fire growth to explode. Currently there is widespread threat to critical infrastructure of communications which service the San Jose Area, Pleasanton, Livermore, and Santa Clara ECC. PG&E has significant transmission assets (500kV, 230kV & 115kV lines) in Branches XXV, XV & XVI of the Marsh and Canyon fire footprints. These are significant transmission lines that serve northern and central California, including the Bay Area. These lines are critical to help maintain the stability of the electrical grid. Protection of this critical infrastructure should be a high priority. Culture assets threatened include, Sunol Regional Preserve, Ohlone Regional Preserve, and Henry Coe State Park as well as threats to amphibious animals such as the red legged frog, Alameda whip snake and other listed amphibians.**

Anticipated after 72 hours:

## Incident Status Summary (ICS-209)

Incident: **SCU Lightning Complex**

39. Critical Resource Needs in 12-, 24-, 48-, and 72-hour timeframes and beyond to meet critical incident objectives. List resource category, kind, and/or type, and amount needed, in priority order:

12 hours: **24 Golf Strike Teams**  
**24 Type 3 Strike Teams**  
**1 Type 6 Strikes Team**  
**15 Type 2 IA Handcrews**  
**32 Single Dozers**  
**01 Lima Strike Teams**  
**30 Watertenders**  
**22 DIVS**  
**02 FALM**

24 hours: **24 Golf Strike Teams**  
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**02 FALM**

Anticipated after 72 hours:

40. Strategic Discussion: Explain the relation of overall strategy, constraints, and current available information to:

- 1) critical resource needs identified above,
- 2) the Incident Action Plan and management objectives and targets,
- 3) anticipated results.

Explain major problems and concerns such as operational challenges, incident management problems, and social, political, economic, or environmental concerns or impacts.

**Crews will build direct and indirect fireline where possible. The fire continues to burn in steep terrain and is influenced by terrain driven runs, extreme temperatures, and low RHs. The incident is in need of critical resources to protect sensitive wildlife and the critical power and communication infrastructure throughout the area. Heavy fire activity in the region is straining resource availability and may present a challenge to fire control.**

41. Planned Actions for Next Operational Period: