

APPENDIX A: CHRONOLGY OF EVENTS, Alabaugh Canyon Fire Entrapment and Shelter Deployment

DATE (2007)	TIME (All times Approximate)	EVENT
July 7	1906	Individual calls Fall River County 911 reporting smoke northwest of Cottonwood - dispatcher notified Cascade VFD and they advised dispatcher they do not see any smoke.
	1928	Cascade VFD Asst. Chief advises Fall River County Dispatch of smoke column on the ridge of Alabaugh Canyon.
	1944	GPDC receives call of Alabaugh Fire start from IAIC and sends 2 SEATs and 2 Type I helicopters.
	1950	IAIC ordered Type III Team FS Engines 663 and 664 ordered ETA to Alabaugh Fire 2100. Crew 6 and Bear Mountain crews combined to form IA Type II crew, ordered ETA to Alabaugh Fire 2100.
	2009	ICT3 ordered Structure Protection Specialist, 2 Strike Teams (structures), 2 Division Supervisors, 2 Dozers, 1 Grader, 4 Initial Attack crews, and Heavy Air Tankers. Division supervisors filled by DIVS1 and DIVS2.
	2029	Radio frequency for Divisions: Two Mutual Aid Frequencies available: Division A on Mutual Aid 2, Division B on Mutual Aid 1.
	2048	ICT3 ordered Type II Team.
	2117	Red Flag Warning expired and was cancelled by the Rapid City NWS.
	2135	SD Highway Patrol began evacuating houses on Flyway Road.
	2300-2310	Resources reach staging area at Highway 71 and Flyway road. State FF requests Spot Weather Forecast.
	2310	IC briefs resources for Division B at Highway 71 and Flyway Road.
	2320	Resources leave for safety zone staging area at the end of Flyway.
	2330	Resources arrive at safety zone. Plans and briefings for constructing dozer line and the burnout begin.
	2347	Fire blows up out of Alabaugh Canyon and showers area with embers. A large spot fire continues to grow on the east side of the road compromising all the planning for constructing the dozer line.
	2350	OPSC and DIVS leave for the 12523 Flyway Road residence.
	2355	TFLD orders Engines 663 and 664 to proceed to the next house up the road (27891 Cascade Springs Road).

DATE (2007)	TIME (All times Approximate)	EVENT
July 8	2400	OPSC and DIVS direct VFDs engines and other resources from 12523 Flyway residence to Highway 71 and OPSC and DIVS leave for 27891 Cascade Springs Road residence. TFLD and Engines 663 and 664 arrive at 27891 Cascade Springs Road residence, conduct a safety briefing and begin the primary burnout operation at the northwest corner of the house.
	0016	OPSC and DIVS arrive at 27891 Cascade Springs Road residence as the Engine crews' primary burnout is winding down.
	0017:00	OPSC instructs DIVS to lead E-663 crew member to burnout another strip at the north end of the house to reinforce the existing burnout there.
	0017:30	E-663 crew member and DIVS begin the secondary burnout uphill into the timber, starting in just past the rhubarb patch near the edge of the mowed grass.
	0018:00	E-663 crew member catches up to DIVS who is on a point looking out for any oncoming fire, especially to the northwest. As DIVS looks back the way they came in, he observes fire everywhere below them with flame lengths too deep to go back through. Engine 663 crew note crew member is missing.
	0018:15	DIVS notices the lowest flames towards the northwest, which are two foot in length, and starts in that direction.
	0018:45	DIVS feels a downdraft and stops. He sees the 2 foot flames increase in length to 50 foot flames. DIVS and Engine 663 crew member turn, head southwest towards a backing fire with 4-6 foot flames. They spot and run through a gap of two foot flames. DIVS uses E-663's crew member radio and calls that they are trapped and looking for a way out.
	0019:30	One tree and then the entire patch of timber to the northwest and west ignite into a huge crown fire. Both firefighters begin to get burned instantly. DIVS tells E-663 crew member to deploy.
	0020	E-663 crew member deploys shelter and they both get into his shelter.
	0022	DIVS suspects E-663 crew member has inhaled hot gases so leaves the shelter to retrieve the radio dropped on the ground. He begins to call for help but has trouble reaching TFLD or OPSC. He keeps trying.
	0028	DIVS gets through when others stop talking on radio and directs OPSC and TFLD to their location. Elsewhere on the fire others hear them.
	0029	OPSC and TFLD get DIVS and E-663 crew member into vehicle and drive back to the engines at the house and drop TFLD off. OPSC leaves with the two burned firefighters.

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	0030	TFLD and Engines 663 and 664 leave for Highway 71.
	0031	OPSC reaches safety zone at the end of Flyway and is observed turning around by E663. The engines reach Highway 71.
	0032	OPSC calls Ops and requests an ambulance.
	0033	OPSC and the burned firefighters reach Highway 71. State FF calls for an ambulance. A paramedic from another engine comes to assist and gets in with them and they head for Fall River Health Services.
	0050	OPSC arrives at Fall River Health Services with injured firefighters.
	0105	Engines 663 and 664 arrived at Fall River Health Services.
	0115-0129	Forest FMO began notifications of shelter deployment.
	0130	Crew 6 released from fire and travels to Fall River Health Services.
	0130	Spot weather forecast transmitted to ICT3.
	0212	Forest FMO faxes Fire Entrapment Report to RMACC and RO.
	0236	Engines 663, 664 and Crew 6 leave Fall River Health Services for Rapid City.
	0336	Engine 663, 664 and Crew 6 arrive in Rapid City and spend the night at the Best Western hotel on Mt. Rushmore Road.
	0500	Alabaugh Fire transitioned from Type III Team to Type II Team.
	1100	Initial 'de-fusing' was conducted at Best Western Hotel for crewmembers.
July 9		
	0900	Critical Incident Stress Management defusing held at Mystic Ranger District Office, engine station.
	1000	R-2 Investigation Team In-Briefing – Ramkota Hotel
July 10-15		
	0900	Investigation Team began interviews of crew.
July 16	1600	Formal close-out with Forest.