

Building Name Address	Use (as per FSA Annexed Table)	Date and Time of Incident	Structure and Stories Area	Extent of Damage (Damaged Area/ Total Area)	No. of Casualties
Kaneyasu Department Store	Department Store (4)	Nov. 30, 1952	Fire Resistive 6 stories above ground and 1 below	All , Half, Partial, Small 4,096m ² (100%)	Fatalities 0 Injured 5 (5)
		Breakout at 05:15 (approx.) Detected at 05:57 Detected by fire watchtower Extinguished by 08:00	Building area 712m ² Total floor area 4,096m ²		
Uomachi 4-Chome FUKUOKA					

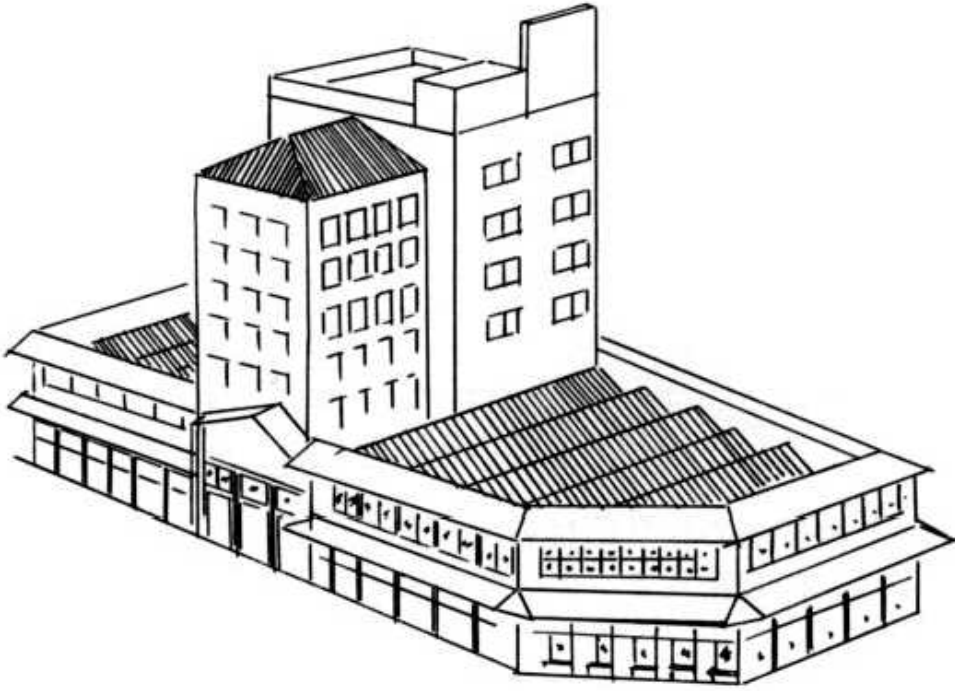
I. Summary of Fire Incident

(1) Summary	The fire emerged from the rapidly built, post-war wooden barracks shopping center and spread to the old building (wooden construction) of the department store that was tightly surrounded by these barracks and then to the new building (fire resistant construction) that was connected to the old one. This fire burned down the entire department store.							
	(2) Conditions per Floor	Floor	Total area	Damaged area	Use (Purpose)	No. of people	No. of Fatalities	Fire escape equipment
		m ²	m ²					
		*Damage, other than the Kaneyasu Dept Store ◦ Uomachi Market (One-story wooden barracks): 1 building (792m ²) - Completely burned down ◦ Dwellings with shops (Two-story wooden barracks): 21 units (1,320m ²) - Completely burned down ◦ Dwellings with shops (Two-story wooden barracks): 2 units (135m ²) - Completely burned down						
		Fire resistant	Wooden					
6		314.5	299.3	613.8	Sales			
5		"	"	"	"			
4		"	"	"	"			
3		"	"	"	"			
2		"	299.3	613.8	"			
①		"	398.3	712.8	Sales			
B1	314.5		314.5					
Total	4,096.3		4,096.3		0	0		
(3) Origin of Fire	(Floor, Room, Part, Combustibles, Habitable/ <u>Non-habitable Room</u> , Present/ <u>Absent</u>) It was said that the fire emerged from a trash can that was placed in an outdoor passage of the market adjacent to the department store, which was located in a busy area called Uomachi Shopping Street where homeless and drunk persons frequently gathered.							(4) Cause of Fire
	Unknown It was said that one of the homeless and drunk persons did not extinguish a cigarette butt.							

(5) Fire Propagation Path	<p>エラー! 参照元が見つかりません。 (Location of Fire Source) (Propagation from Source)</p>		<p>(Propagation to Adjacent Buildings)</p>												
			<p>Spread to the walls and windows of the old building of Kaneyasu Dept. Store and then spread to the new building</p> <p>Spread to the wooden barrack stores</p>												
<p>The fire that emerged in the Uomachi market (south side of the connecting portion between the new and old buildings of the department store) burned down the market completely and quickly. Because of the propagation path of the fire and the radiated heat, flames reached adjacent stores and the old wooden building of the department store. As the temperature rose drastically, all floors of the old wooden building started burning almost instantly and the fire spread to each floor of new building simultaneously.</p>															
<p>○ Main Reasons for the Propagation of the Fire</p> <ul style="list-style-type: none"> ○ The fire originated from the post-war wooden barrack stores that were built very close to each other, and the department store was surrounded closely by these stores. ○ There were no fire preventative measures taken with respect to the connecting portions, neither between the old and new buildings nor for the openings that faced the adjacent shopping street. <p>○ Smoke Propagation Path</p> <p>Since the inside of Kaneyasu department store was not partitioned, smoke instantly filled the entire building through the stairwell which acted as a chimney.</p>															
II. Summary of the Building															
(1) Built	<p>Construction, Completion and Major Renovations (Completion) Nov. 1937, (Expansion) -</p>														
	Fire Prevention Management	<p>(2) Vertical Shafts</p>		<p>(3) Fire Prevention</p>											
<table border="0"> <tr> <td>Stairs</td> <td>[X]</td> <td>Duct Spaces</td> <td>[X]</td> </tr> <tr> <td>Elevators</td> <td>[X]</td> <td>Pipe Shafts</td> <td>[X]</td> </tr> <tr> <td>Escalators</td> <td>[]</td> <td>Other ()</td> <td>[]</td> </tr> </table>		Stairs	[X]	Duct Spaces	[X]	Elevators	[X]	Pipe Shafts	[X]	Escalators	[]	Other ()	[]	<p>In June 1965 and Feb 1966, fire safety inspections were carried out and the inspector recommended the store to install fire shutters and increase the number of night guards; however, no action was taken.</p>	
Stairs	[X]	Duct Spaces	[X]												
Elevators	[X]	Pipe Shafts	[X]												
Escalators	[]	Other ()	[]												
		<p>No fire prevention measures were taken for the vertical shafts.</p>													
		<p>(4) Fire Compartments</p>		<p>(5) Firefighting Equipment</p>											
		<p>There were no fire compartments, not even a fire shutter at the connecting portion between the old wooden building and new fire resistant building to isolate them from each other in the case of fire.</p>		<p>The store had maintained the firefighting equipment according to the recommendations made at the preventive inspection.</p>											

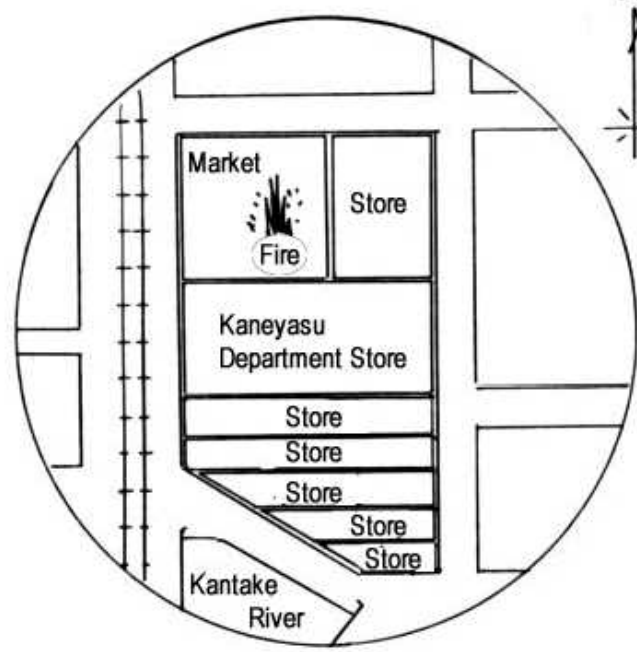
III. Actions Taken after the Fire was Detected						
(1) First Detected	<ul style="list-style-type: none"> ○ Detected by (A guard on the fire watchtower) ○ How and why (Noticed fire and smoke arising) ○ Action taken (Notified the fire station) 					
	<p>The guard on the fire watchtower, located 800m northwest of the fire, noticed fire and smoke slightly arising from the roof of the Uomachi market and notified the head office (fire department).</p>					
(2) Emergency Call	<p>Emergency Call Yes [] () Time elapsed since detection (42) minutes No [X] (neighbor noticed)</p>					
	<p>The fire was detected, but no call was made from the building or from the public.</p>					
(3) Initial Firefighting Activities	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">Initiated</td> <td style="width: 35%;"> Successful [] Failed [X] ○ Extinguished time [] ○ Firefighting difficulty [] ○ Firefighting method [] </td> <td rowspan="2" style="width: 50%; vertical-align: top;"> (Reasons or Conditions) The fire emerged early in the morning, so no one was inside the building or near the fire. </td> </tr> <tr> <td style="text-align: center;"><u>Not Initiated</u></td> <td> ○ Extinguished time [] ○ Firefighting difficulty [] ○ Firefighting method [] ○ Other [X] </td> </tr> </table>	Initiated	Successful [] Failed [X] ○ Extinguished time [] ○ Firefighting difficulty [] ○ Firefighting method []	(Reasons or Conditions) The fire emerged early in the morning, so no one was inside the building or near the fire.	<u>Not Initiated</u>	○ Extinguished time [] ○ Firefighting difficulty [] ○ Firefighting method [] ○ Other [X]
	Initiated	Successful [] Failed [X] ○ Extinguished time [] ○ Firefighting difficulty [] ○ Firefighting method []	(Reasons or Conditions) The fire emerged early in the morning, so no one was inside the building or near the fire.			
<u>Not Initiated</u>	○ Extinguished time [] ○ Firefighting difficulty [] ○ Firefighting method [] ○ Other [X]					
(4) Summary of Firefighting Activities	<p>(Obstacles or Difficulties in Fire Control)</p> <ul style="list-style-type: none"> ○ By the time the firefighters arrived, all of Uomachi Market was in flames, and the flames were about to spread to the stores on the shopping street and the old building (wooden) of the department store. The flames and smoke became too extreme to control, and eventually with a large blast, the store was engulfed in smoke and flames in an instant. ○ Since the north and south sides of the department store were in very close proximity to the wooden barrack stores, the firefighters could not find a way to enter the store. 					

(5) Evacuation	Means of Escape (No. of Persons)	Obstacles to Evacuation
	<ul style="list-style-type: none"> ◦ Stairs [] () ◦ Elevators/Escalators [] () ◦ Escape equipment [] () ◦ Directly to the ground from windows or openings [] () ◦ Rescued [] () ◦ Other () [] () 	<ul style="list-style-type: none"> ◦ No windows [] ◦ Barred openings [] ◦ Locked emergency doors (Exits) [] ◦ Alarm system [] (Poorly controlled, Malfunctioned, Not installed) ◦ Power outage [] ◦ Other []
No one was onsite when the fire emerged		
(6) Casualties (Fatalities)	Healthy individuals (Drunk persons)	Obstacles to Evacuation
	Individuals in need of assistance Infants Elderly Disabled Patients/ill persons	<ul style="list-style-type: none"> ◦ No windows [] ◦ Barred openings [] ◦ Locked emergency doors (Exits) [] ◦ Alarm system [] (Poorly controlled, Malfunctioned, Not installed) ◦ Power outage [] ◦ Other []
None		
IV. Issues and Lessons Learned		
<ol style="list-style-type: none"> 1. The old wooden building of the department store was connected to the new fire resistant building and sales floors were shared; however, there were no fire shutters or any fire safety equipment in the connecting portion. 2. No fire patrol was carried out at night, which resulted in delay of fire discovery and communications, and led to such a large fire. 3. The fire emerged in an area that was packed by the post-war wooden barrack stores, and the department store was tightly surrounded by hazardous structures. 		



Sales floor	Sales floor	6F
Sales floor	Sales floor	5F
Sales floor	Sales floor	4F
Sales floor	Sales floor	3F
Sales floor	Sales floor	2F
Sales floor	Sales floor	1F _{GL}
	Sales floor	BF

Wooden structure (old building)
Reinforced concrete structure (new building)



*There were no fire shutters between the new and old buildings. Details such as the locations of stairwells are unknown.