## FIGURE 1615 (7)a MAXIMUM CONSIDERED EARTHQUAKE GROUND MOTION FOR ALASKA OF 0.2 SEC SPECTRAL RESPONSE ACCELERATION (5% OF CRITICAL DAMPING), SITE CLASS B



## FIGURE 1615 (7)b MAXIMUM CONSIDERED EARTHQUAKE GROUND MOTION FOR ALASKA OF 1.0 SEC SPECTRAL RESPONSE ACCELERATION (5% OF CRITICAL DAMPING), SITE CLASS B

	170°	130°
	Explanation	135°
Contour intervals, % g	+ Point value of spectral response 6.2 acceleration expressed as a percent	$140^{\circ}$ $175^{\circ}$ $170^{\circ}$ $150^{\circ}$ $145^{\circ}$ $145^{\circ}$
175	of gravity	
150		
123	of gravity. Hachures point in direction of decreasing values.	A States And States
90		
	248 Locations of faults (see DISCUSSION). The number on the fault is the	
60	median spectral response acceleration times 1.5, expressed as a percent of	
50	gravity.	
	DISCUSSION	
30 25	The acceleration values contoured are the random horizontal component. For design purposes, the reference site condition for	
20	the map is to be taken as NEHRP site class B. A line shown as a fault location is the projection to the earth's	A Start A Star
15	surface of the edge of the fault rupture area located closest to the earth's surface. Only the portion of the fault used in datamining data in the surface. The surface of the fault is the	43
10	determining design values is shown. The number on the fault is the deterministic median spectral response acceleration times 1.5. The values on the fault portion shown may be used for interrolation	
	purposes. Selected contours near faults have been deleted for clarity. In	The set of
6	these instances, interpolation may be done using fault values and the nearest adjacent contour.	
2	REFERENCES	
0	Building Seismic Safety Council, 1998, NEHRP Recommended Provisions for Seismic Regulations for New Buildings and other Structures, FEMA 302.	

