

## CONTENTS

ILLUSTRATIONS - *continued.*

	PAGE
Power House No. 1, Lake Buntzen.....	31
Hydro-Electric Plants, Lake Buntzen. Power House No. 1 on the left of the picture. Power House No. 2 on the right.....	31
Plant No. 2, Lake Buntzen. Intake Valve House at entrance to Pressure Tunnel, Lake Buntzen.....	33
Plant No. 2. Intake at Lake Buntzen.....	34
Plant No. 2, Lake Buntzen. Top of Surge Tank.....	35
Plant No. 2, Lake Buntzen. View of Surge Tank showing openings for pipe line connections.....	36
Plant No. 2, Lake Buntzen. View showing three pipe lines at entrance to line tunnels behind Power House No. 2.....	37
Plant No. 2, Lake Buntzen. Pipe Lines at west portal of Pressure Tunnel.....	38
Power House No. 2, Lake Buntzen.....	39
Power House No. 2, Lake Buntzen. Intake House, Lake Buntzen.....	40
Power House No. 2, Generator Room, Lake Buntzen.....	41
Power House No. 2, Generator Room, Lake Buntzen. High Tension Switch Room.....	42
Power House, Lake Buntzen. Transformer Room.....	43
New Transmission Towers, from Plant No. 2, Lake Buntzen.....	44
	45

## LIST OF PLATES

No. 24. Coquihalla Buntzen Development. General plan.....	Inside back cover
No. 25. Coquihalla Dam. General contour.....	6
No. 26. " Maximum cross section.....	6
No. 27. " Section elevations of stream water supply tunnels and towers.....	6
No. 27a. " Profile along centre line of dam.....	6
No. 27b. Power House No. 2. Plan of generator room.....	6
No. 27c. " Section and end elevation.....	6
No. 27d. " Plan of high tension switch room and trans- former room.....	6
No. 27e. " Section showing pressure tunnel and pipe line between Lake Buntzen and Power House No. 2.....	6
No. 28. Diagram of precipitation at Coquihalla Lake and Lake Buntzen.....	6
No. 28a. Diagram showing output from generating stations.....	6
No. 28b. Plan showing transmission lines.....	6