

TABLE OF CONTENTS (Cont'd.)

| | Page |
|--------------------------------------------------------------------------|------|
| 8. IDENTIFICATION OF EARTHQUAKES AND EXPLOSIONS | 53 |
| 8.1 Identification Criteria | 53 |
| 8.2 P Wave Spectral Ratio | 53 |
| 8.3 Relative Excitation of P and Rayleigh Waves | 55 |
| 8.4 Rayleigh Wave Spectral Ratio | 59 |
| 8.5 Identification by Negative Criteria | 60 |
| 9. CONCLUSIONS AND RECOMMENDATIONS | 62 |
| 9.1 Summary and Conclusions Concerning Existing Capabilities | 62 |
| 9.2 Recommendations for Improving Capabilities Using Existing Facilities | 63 |
| REFERENCES | 66 |