

Index

- Activists
 antinuclear, 11, 57, 62, 64, 66, 73, 76, 79, 158–160, 171, 185
 conservative, 65, 123, 127, 143
 ecology, 1, 33, 70, 81, 87, 144, 155, 161, 170, 178, 186
 radical, 5, 66–67, 77–78, 143, 149
 social origins, 11, 25, 27, 30, 36, 71, 77, 106, 108, 111, 119, 132, 193
 Administration, 15, 20, 25–36, 52, 86
 centralization, 2, 6, 11, 17, 20, 25–27, 37, 41, 113, 117, 141, 146, 158, 168
 decentralization, 25–28, 32, 117, 122, 151, 158, 165, 179, 189
 local level, 25–27, 29, 73, 120, 170
 politicization, 11, 25, 27, 30, 36, 193
 style, 11, 25, 27, 30, 36, 52, 113, 148, 193
 AEG, 16, 60
 AEK (Aktiongemeinschaft der Bürgerinitiativen für Energiesicherung und Kerntechnik), 176
 AFRPNE (Association Fédérative Régionale de Protection de la Nature de l'Est), 127
 AFU (Arbeitsgemeinschaft für Umweltfragen), 177
 Aktion pro Vita, 97
 Aktion Saubere Landschaft, 124
 Aktionskreis Energie der Betriebsräte, 176
 Albrecht, E., 67, 87–88, 180–181
 Alsace, 13, 29, 58, 70, 80, 120, 127–128, 144, 169
 Alsatian Association for the Protection of Nature, 127
 Alsthom, 12
 Alternative, 82
 Amis de la Terre, 50, 59, 76, 79, 81, 90, 128–131, 148
 Appel des 400, 59, 89–90, 98
 APRI (Association de Protection contre les Rayonnements Ionisants), 90
 Aquitaine, 29
 Arbeitsgemeinschaft für Kerntechnik, 16
 Association contre le Danger Radiologique, 90
 Atom law, 15, 32, 39, 156, 159, 162–163, 165–166, 189
 Atomforum, 16, 20, 34
 Atomic Industrial Forum (U.S.), 16
 AUD (Aktion Unabhängiger Deutscher), 82, 144, 149
 Austria, 151, 185, 189
 Autonomists, 78
 Babcock-Brown Boverie, 17
 Babcock and Wilcox (U.S.), 17
 Baden-Württemberg, 44, 60, 82
 Balke, S., 44
 Barseback, 186
 Bavaria, 82, 123, 176
 BBU (Bundesverband Bürgerinitiativen Umweltschutz), 62, 77, 79, 82, 126, 129–130, 176
 BDI (Bundesverband der Deutschen Industrie), 48
 Belgium, 84, 86, 188
 Belgonucléaire, 17
 Berufsverbote, 82
 Betz, 81
 Blayet, 30, 175
 Bochum, 92
 Boiteux, P., 18
 Bosquet, M., 99, 128
 Bourgogne, 29
 Brandt, H., 51
 Brandt, W., 39, 66, 75, 116
 Braud-Saint Louis, 69–70, 170
 Breisach, 60–61
 Bremen, 82, 92
 Bremen, University of, 65, 92
 Brittany, 70, 81, 146
 Brokdorf, 3, 50–51, 58, 64–67, 74, 77, 92, 129, 132, 142, 160, 162–163, 175
 Brown, Boverie and Cie, 17, 51
 Bugey-Cobayes, 3, 13, 58
 Bund Natur und Umweltschutz Deutschland, 65, 123, 144, 151
 Callenbach, E., 150
 Carter, J., 141
 CDS (Centre des Démocrates Sociaux), 41, 86, 127
 CDU (Christlich Demokratische Union), 14, 19, 38, 43–44, 46, 62, 64–65, 82, 86, 116, 166, 180, 197
 CEA (Commissariat à l'Energie Atomique), 12–13, 18, 26, 30, 59, 73, 83, 90–91, 93, 98, 174

- CEM, 12
 Center party (Sweden), 186
 CERN (Centre Européen de Recherche Nucléaire), 73
 CFDT (Confédération Française Démocratique du Travail), 42, 47–50, 73, 83–85, 90–91, 121, 128, 150, 173
 CGT (Confédération Générale du Travail), 48–49, 84, 129
Charlie Hebdo, 58, 130
 Chinon, 12
 Chooz, 12
 Citizen initiative group, 82, 90, 115
 antinuclear, 3, 44, 52, 58, 68, 70–74, 76, 79, 93–94, 126, 173–174, 182, 186, 189, 192
 areas of activity, 28, 122, 126, 156, 172, 174
 leadership patterns, 79, 129, 132, 195
 organization, 6, 114, 126, 128, 129, 132
 pronuclear, 16, 51, 61, 176–177
 Club of Rome, 23
 CNRS (Centre National de la Recherche Scientifique), 91, 98, 100
 Cogema, 83–85, 91
 Cohn-Bendit, D., 82
 COLINE (Comité Législatif d'Information Ecologique), 178
 Collège de France, 59, 89, 93
 Colson, J. P., 130
 Comité Bugéy-Cobaye, 127
 Comité de la Charte pour la Nature, 177–178
 Committee on Health and Safety, 84
 Committee Kampf dem Atomtod, 115–116
 Compagnie Générale d'Electricité, 12
 Concorde, 22
 Conseil d'Information sur l'Énergie Electro-nucléaire, 170
 Conseil Général of Isère, 73
 Conseil Général of Savoy, 73
 Conti, L., 130
 Council of Geneva, 73
 Courts, 31, 79–80, 86, 155–166, 189, 195
 administrative, 3, 60–67, 72, 74, 86, 93, 158–163
 civil, 31, 156–158, 161, 164–165
 Cousteau, J., 91
 Creusot-Loire, 12–14
 Creys-Malville, 3, 42, 58, 72, 74, 100, 161, 170, 175
 CRS (Compagnies Républicaines de Sécurité), 73
 CSFR (Comité de Sauvegarde de Fessenheim et de la Plaine du Rhin), 71–72, 127
 CSU (Christlich Soziale Union), 19, 43–44, 46, 86, 166
 DATAR (Délégation à l'Aménagement du Territoire et à l'Action Régionale), 26
 Declaration of Göttingen, 92
 De Gaulle, C., 12
 Delarue, J. C., 119, 129
 Delmon, P., 119
 Demonstrations, 3, 34, 37, 44–45, 50–51, 58, 70, 77, 79, 85, 92, 167, 173, 175, 185, 187
 style, 58–61, 67, 128, 143
 Denmark, 186
 Deutsche Gesellschaft für Atomenergie, 16
 Deutsche Lebensschutzverbände, 123–124
 Deutscher Heimatbund, 123
 Deutscher Naturschutzring, 123
 De Witt, S., 93
 DGB (Deutscher Gewerkschaftsbund), 27, 47–48, 50–52, 66, 115, 177
 D'Ornano, M., 59
 Dortmund, 45, 51, 176
 Dumont, R., 80, 91, 128
 DUP (Déclaration d'Utilité Publique), 29, 32, 72, 158, 160, 179
 DWK (Deutsche Gesellschaft für Wiederaufarbeitung von Kernbrennstoffen), 87–88
 Ecole Polytechnique, 18
 Ecology and Survival, 142
 EDF (Electricité de France), 12–13, 18, 26, 29, 30–31, 42, 59, 69–71, 73–74, 80, 142, 157, 159–161, 163, 169–170, 173–174
 EEC (European Economic Commission), 190
 Ehrenberg, H., 44
 Election, 116, 130, 186
 European, 82
Land, 82–83, 146
 municipalities, 43, 81, 85, 129, 170
 parliament (France), 43, 50, 81, 129, 170
 parliament (Germany), 45, 82–83, 196
 Eltviller program, 15
 Empain-Schneider, 14, 42
 Energy, 13, 17, 192
 consumption, 13, 15, 169, 187, 190
 crisis, 15, 22, 63
 dependence/independence, 1, 13, 15, 21–23, 27, 37, 41–42, 144
 forecasts, 13, 28, 190
 program, 2, 13–16, 60, 169, 187, 190
 resources, 11, 21–22, 26, 28, 44, 187–190

Environment

- EIS (Environmental Impact Statement), 30–31, 179
- legislation, 30–36, 40, 44, 116, 157, 159, 164
- policy, 26, 95, 101, 157, 164–165, 176–177
- Environmental Protection Agency (U.S.)
- U.S. National Environmental Policy Act, 32
- Enzensberger, H. M., 131
- Eppler, E., 44, 63, 149
- Esensham, 34, 67, 162
- Euratom, 83
- Eurodif, 13
- European Environmental Bureau, 132
- European parliament, 83
- Expertise, 18–21, 89–101, 180–181
- areas, 39, 61, 90–96, 99
- critical, 20, 59–64, 69, 73, 77, 80, 90–91, 186
- distribution, 5, 29, 52, 90, 93, 100
- official, 11, 16, 18–21, 39, 99, 178
- responsibility, 98–100
- role, 16, 18–22, 24, 88–90, 95, 97, 157, 171, 178, 193–194
- FDP (Freie Demokratische Partei) 38, 40, 45–46, 62, 66, 82, 126, 171, 197
- FEN (Fédération de l'Education Nationale), 73
- Fessenheim, 13, 58, 70–72, 76, 81, 99, 169
- FFC (Fédération Française des Consommateurs), 79
- FFSPN (Fédération Française des Sociétés de Protection de la Nature), 80, 125, 164
- Figaro, Le*, 59
- Filbinger, H., 61
- Flamanville, 70, 85, 159–161
- Fourierists, 120
- Fournier, P., 58
- Framatome, 14, 74
- Frankfurt, 122
- FRAPNA (Fédération Rhône-Alpes de Protection de la Nature), 127
- Freiburg, 62, 93, 162
- Friends of the Earth (U.S.), 128
- Froissart, M., 91
- Front Autogestionnaire, 50, 81
- Gandhi, M., 78
- Gauchists, 114
- Gaullism, 11, 114, 168
- GAZ (Grüne Aktion Zukunft), 40, 82, 144, 149, 151
- GECENAL (Groupe d'Etude et de Concertation pour l'Environnement et la Nature en Alsace), 127

- General Atomic (U.S.), 17
- General Electric, 16
- Genscher, H. D., 40
- German atomic commission, 15, 19
- Germany, East, 87
- Giscard d'Estaing, V., 42, 170
- Gorleben, 82–83, 87–88, 93, 175, 196
- Gorleben International Review, 78, 88, 180–181
- Grafenrheinfeld, 163
- Grohnde, 3, 58, 67, 74, 77, 162, 175–176
- Grothendieck, A., 59, 91
- Groupe de Bellerive, 91
- Gruhl, H., 40, 82, 143, 149
- Grundler, H., 74–75
- GSIEN (Groupe de Scientifiques pour l'Information sur l'Energie Nucléaire), 50, 90, 92–93, 97, 100, 169
- Gueule ouverte, La*, 58, 130, 145
- Habermas, J., 146
- Haenschke, F., 40
- Häfele, W., 23
- Hahn, O., 15, 91
- Hamburg, 34, 79, 82, 174
- Hamburger Elektrizitätswerke, 34
- Hannover, 88, 180
- Hara Kiri*, 130
- Harich, W., 151
- Hartkopf, G., 176
- Heidelberg, 96
- Heidelberg, University of, 92
- Heisenberg, W., 15, 91
- Hervé, A., 131
- Hessen, 82
- Hirsch, H., 180
- Hochtief, 45
- Hoechst, 16
- Hoffman, S., 113
- Holland, 84, 86, 187–189
- Ideology, 3, 5, 27, 132–133, 198
- antinuclear, 1, 4–5, 11, 111, 148, 152, 192–195
- conservative, 132, 143–144, 148–151, 195
- ecological, 72, 105, 107, 117, 156, 192, 198
- establishment, 1, 11, 14, 19, 21–24, 122, 147, 168
- radical, 42, 47–52, 145–146, 150–151, 165, 168, 195
- IEJE (Institut Economique et Juridique de l'Energie), 91, 96
- Illich, I., 150
- Information, 5, 169–173
- distribution, 5, 29–30, 65, 67, 70–71, 89, 169–173, 191

- Information (cont.)
 government, 16, 29–30, 42, 71, 100, 167, 169–172, 185
 Institut für Reaktorsicherheit, 32, 34
 Interatom, 16, 174
 Italy, 187–188
 Itzehoe, 67
- Japan, 84
 Jugendbewegung, 144
 Jülich, 91, 93
 Jungk, R., 11, 97
 JUSO (Jungsozialisten in der SPD), 45, 131, 150
- Kahl on Main, 15
 Kaiseraugst, 63
 Kalkar, 3, 16, 39, 68, 74, 83, 85–86, 166, 175–176, 187
 Kalkar Development Corporation, 17
 Kampinski, H., 151
 Karlsruhe, 39, 61, 86, 91, 93
 Konzertierte Aktion, 48
 Kowarski, L., 91
 Krümmel, 161–162
 Krupp, 45
 KWU (Kraftwerk Union A.G.), 16, 45, 51, 157
- Labor unions, 15, 27, 31, 37, 47–49, 66, 71, 73, 84–85, 90, 105, 113, 120, 166, 171, 173–176
 attitudes toward nuclear power, 42–45, 49–51, 109, 115, 192, 195
 structure, 47–48, 50–52, 98
 Laborit, H., 150
 La Hague, 49, 71, 83–85, 91
 Lalonde, B., 128, 149
 Languedoc-Rousillon, 29
 Law on the Protection of Nature (1976), 157, 159, 164
 League of Democratic Scientists, 92
 Lebreton, P., 91
 Lecanuet, J., 156
 Lefebvre, H., 114, 146
 Le Pellerin, 30, 72, 80
 Le Prince-Ringuet, L., 99, 178
 Licensing of nuclear power plants, 25–36, 60, 85, 87, 185–186
 authorities, 26–27, 29–36, 60, 62, 65, 86–87, 162
 procedures, 28–29, 36, 61–62, 65, 69, 120, 157–163, 165–166, 169, 179
 Life Protection Work Group, 92
 Loire, 29
- Lower Saxony, 34, 44, 67, 82, 87–88, 96, 175, 180
 Lyon, 58
- Mannesmann, 45
 Manstein, B., 97
 Marburg, 92
 Marchetti, C., 23
 Marckolsheim, 60
 Marcoule, 13, 83
 Marcuse, H., 114, 145–146
 Marsaud, K., 69
 Maspéro, 130
 Massé, P., 18
 Matthöfer, H., 44
 May 1968, 47, 81, 83, 99, 114, 120, 128, 148, 150
 Messmer Plan (1974), 49, 59
 Michalon, V., 73–74
 Midi-Pyrénées, 29
 Minerva, 22
 Ministries
 France, 12, 18, 26, 119, 158, 170, 173, 179
 Germany, 19, 27, 34, 39, 68, 86, 158, 166, 171, 174–176
 Mitterand, F., 43, 81
Monde, Le, 59
 Monod, T., 58
 Moratorium, 43, 45, 50, 67, 69, 70, 159, 166, 181–182
 Morestel, 73
 Mounier, E., 145
 MRG (Mouvement des Radicaux de Gauche), 43, 50
 Mühlheim-Kärlich, 59, 74, 162
 Mulhouse, 81
 Münster, 86, 92, 163, 166
- Napoleonic civil code, 120
 National Institute for Agronomy Research, 91
 NATO, 41, 115
 Neeratom, 16
 Norddeutsche Kraftwerkunion, 51
 Nord-Pas de Calais, 29
 Normandy, 70
 Northern Rhine-Westphalia, 68
 Novatome, 14
 NPD (National Demokratische Partei Deutschlands), 116
 Nuclear energy
 establishment, 1, 11–24
 expansion, 2–3, 13, 15–16, 37, 41, 45, 48, 50, 171, 181, 185

- industry, 4, 11–17, 20–24, 34–35, 39, 44, 60–61, 64, 76, 83, 85, 87, 98, 171, 185, 188
- legislation, 11, 18, 27, 39, 85, 155–156, 159, 161–162, 165–166, 179, 189, 195
- military use, 2, 11, 14, 16, 22, 40, 90, 92, 97, 115, 141–142, 190
- policy, 2–6, 11–24, 26, 40, 67, 75, 87, 140, 157, 185
- reprocessing, 23, 51, 83–87, 180–181, 190–191
- safety, 1, 18, 20, 26, 29, 34, 50, 60, 84, 87, 89, 100, 109, 156, 165, 171–172, 180, 190
- symbolic dimensions, 87, 101, 118, 140–141
- waste disposal, 1, 23, 45, 50–51, 83, 85, 87, 92, 95, 160, 162–163, 175, 180–181, 185, 190–191
- NWK (Nordwestdeutsche Kraftwerke A.G.), 51, 64–65
- OECD (Organization for Economic Cooperation and Development), 26
- Ohu, 67
- Oil
 - crisis, 2, 13, 15, 26, 117
 - pricing, 1, 3, 13, 15
- Öko-Institute, 93, 97
- OPEC, 1
- Orsec-Rad, 73
- Paris, 25, 70, 93
- Parliament
 - debate, 3, 37, 39, 62, 86
 - France, 2, 37–38, 82, 85–86, 170, 178
 - Germany, 2–3, 16, 28, 37–38, 45, 52, 62, 92, 116, 166, 178, 197
- Participation, 24, 30, 37, 64, 177–179, 197
- channels, 5, 25, 29–36, 59–60, 74, 113–114, 120, 159, 166, 185–186, 188–189, 195
- effects, 31, 34, 166, 173, 181
- experiments, 5, 25, 62, 64–65, 71, 85, 171–173, 181–182, 189, 195
- Pauvert, J. J., 131
- PCF (Parti Communiste Français), 40–42, 47, 109, 114, 148–150, 178
- Pecci, A., 23
- Pechiney-Ugine-Kuhlman, 12
- PEON (Commission Consultative pour la Production d'Electricité d'Origine Nucléaire), 12
- Peyrefitte, A., 36
- Phoenix, 13, 23
- Pignéro, J., 90
- Poitou-Charentes, 29
- Political parties, 3, 29, 37, 40–47, 52, 62–66, 70, 73, 80–81, 105, 116–117, 164, 166, 168, 171, 178, 180, 197
- attitudes toward nuclear energy, 3, 40–45, 189, 193
- ecology, 82–83, 196
- social origin of members, 42, 46–47
- Pompidou, G., 12
- Port La Nouvelle, 72
- PR (Parti Républicain), 41
- Premillieu, E., 58
- Press
 - ecology, 57–58, 72, 79, 81, 90–91, 97, 130, 174, 195
 - journals, 79, 131, 173
 - national, 59, 66, 68, 85, 131, 175
- Projet Alter, 91
- Provence-Côte d'Azur, 29
- PS (Parti Socialiste), 41–43, 47, 50, 80, 114, 128
- PSU (Parti Socialiste Unifié), 43, 50, 81
- Public attitudes, 46, 86, 107, 111, 115, 122, 146–147, 170, 173, 186, 194
- social class, 6, 48, 108–109
- Puiseux, L., 91, 96, 173–174
- Radikalenerlass, 51, 98, 174
- Rammstedt, O., 6
- Reactor technology
 - fast breeder, 3, 13–16, 22–23, 28, 83–84, 161, 166, 170, 175
 - gas-graphite, 2, 13–14, 42, 83–84, 90
 - heavy water, 13
 - high temperature, 3, 15, 17
 - light water, 2, 13, 15, 83–84
- Red army fraction, 72
- Reich, W., 114
- Resistance movement, 11, 121
- Rettig, J. J., 58
- Rheinisch-Westfälische Elektrizitätswerke A.G., 17
- Rhine, 3, 60
- Rhineland-Westphalia, 86
- Rhone-Alps, 29, 128, 146
- Risk, 23, 57, 86, 109, 140, 142, 167, 178
- economic, 17, 49, 96, 162, 171, 182, 193
- environment, 1, 31–32, 34, 61, 84, 88, 92, 95, 100, 157, 162–163, 169, 174
- health, 46, 49, 83, 91, 95–96, 162–163, 169–171
- institutions of control, 20–21, 26–30, 32–34, 157, 171, 180
- Rosenberg, L., 27
- Rostand, J., 58, 91
- RPR (Rassemblement pour la République), 11, 40–41

- RSK (Reaktor Sicherheits Kommission), 27, 32, 180
- Saclay, 90, 99
- Saint-Simonists, 120
- Samuel, P., 79, 91
- Saturn, 22
- Scheer, J., 92
- Schleswig-Holstein, 44, 64
- Schmidt, H., 51, 75, 87, 181, 191, 197
- Scientists and Politics Work Group, 92
- SCSIN (Service de Sécurité des Installations Nucléaires), 30
- SDS (Sozialistischer Deutscher Studentenbund), 116
- SEPANSO (Société pour l'Etude, la Protection, et l'Aménagement dans le Sud-Ouest), 69
- Service Central de Protection contre les Rayonnements Ionisants, 171
- SFDE (Société Française du Droit de l'Environnement), 91
- SFIO (Section Française de l'Internationale Ouvrière), 42
- Siemens, 16–17, 60, 174
- SIRAE (Service d'Information et de Relation avec les Associations de l'Environnement), 179
- Social movement, 2, 5–6, 105, 168, 182, 196–198
- antinuclear, 1, 4–6, 57, 78–79, 89, 97, 100, 105, 114–115, 140, 160, 166
- autonomy, 79, 146–147
- environmental, 2–3, 18, 31, 107, 114, 125, 177–179, 192–194, 196
- feminist, 2, 114, 194
- regional autonomy, 114, 146, 194
- student, 46–47, 114, 116–117, 128, 132, 195
- Société Impériale Zoologique d'Acclimatation, 124
- Société Nationale de Protection de la Nature, 125
- SOS-Environnement, 79, 81, 129
- Sozialistisches Büro, 131
- SPD (Sozialdemokratische Partei Deutschlands), 19, 39–40, 43–47, 50, 62–63, 75, 86, 96, 115–116, 126, 131, 150, 168, 171, 176, 180–181
- Spielman, H., 124
- SSK (Strahlenschutz Kommission), 28, 32, 180
- St. Hilaire, G., 124
- St. Laurent-des-Eaux, 12, 70, 169
- St. Marc, P., 145, 149–150
- Stade, 162
- Stoltenberg, G., 65–66
- Strauss, F. J., 44
- Strohm, H., 97
- Super-Phoenix, 13, 72–73, 161
- Survivre et vivre*, 59, 90
- Sweden, 84, 171, 186, 188–189
- Switzerland, 60, 185, 189
- Tactics, 5–6, 31, 194–196
- changes, 57, 76, 78, 195
- confrontation, 1, 3, 57, 64–65, 67, 74, 77, 120, 127, 194, 196
- electoral, 37, 79–81, 86
- Tamplin, A., 65
- Technology
- choices, 13–14, 22, 84, 97, 140, 187–188
- controversy, 83, 98, 101, 167, 181–182, 185
- policy, 11, 14, 20, 27, 93, 188
- Third Reich, 121
- Third Republic, 121
- Third way, 148–149
- Three Mile Island accident, 1, 49, 88, 186, 190–191, 196
- Toennies, F., 143
- Touraine, A., 113, 128, 196
- Traube, K., 174–175
- Tricastin, 13
- Tübingen, 92
- Tutorium Umweltschutz, 93
- TUV (Technischer Überwachungsverein), 32, 34, 98
- UDF (Union pour la Démocratie Française), 38, 41–42
- Uranium, 13, 21–22, 187
- Vanoise, 125
- Veba A.G., 17
- Verband Deutscher Ingenieure, 16
- Verein gegen Parlamentarischen und Bürokratischen Missbrauch, 124
- Verfassungsschutz, 174
- Verne, J., 23
- Vichy regime, 121, 168
- Violence, 3, 23, 45, 69, 70, 72, 74, 76, 174–176
- divisiveness, 64, 66–68, 76, 176, 196
- police, 63, 66–67, 72, 74, 172–174
- Vogel, B., 166
- Vohwinkel, H., 60
- Voluntary associations, 61, 119, 186
- history, 120–125
- legal status, 120, 122–124, 158, 179
- traditional environmental, 38, 65, 69, 80, 119, 121–124, 127, 164, 177–179, 195

- Von Bernsdorf, Graf, 88
- Von Bismarck, O., 27, 121, 167
- Von Hassel, K. U., 64
- Von Weizsäcker, F., 91, 180

- Wandervogel, 144
- Weber, M., 144
- Weil, S., 170
- Weimar Republic, 47, 114, 121, 168
- Weisweil, 62
- Westinghouse, 2–3, 12–13, 21, 42
- Westphalia, 27
- Wewelsfleth, 64–65
- Wilstermarsch, 64
- Windscale, 83
- WISE (Worldwide Information Service for Energy), 132
- WSL (Weltbund zum Schutz des Lebens), 65, 123, 144
- Würzburg, 163
- Wyhl, 3, 34, 57, 61–64, 67, 74, 92–93, 96, 132, 144, 155, 162–163, 166, 179