Bibliography of the Seasonal Thermal Energy Storage Library

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GUIDELINES FOR USE OF THE BIBLIOGRAPHY

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INTRODUCTION

The Seasonal Thermal Energy Storage (STES) Library has been developed in support of the STES Program, which is managed by the Pacific Northwest Laboratory (PNL) for the U.S. Department of Energy. The objective of the STES Program is to conduct research and development studies required to provide a sound technical base for the implementation of seasonal thermal energy storage concepts.

Seasonal storage of thermal energy has the potential to make a significant near-term contribution towards relief of the national energy shortage. Various forms of surplus energy, including winter chill, summer heat, and industrial waste heat, can be stored until needed, thus reducing the need for generating primary energy and lessening the nation's dependence on imported petroleum fuels. Potential storage media include aquifers (subsurface, water-bearing formations), lakes, ponds, and earth. Storage of thermal energy in aquifers has been chosen for initial development under the STES Program. Other methods of seasonal storage are also being evaluated by studying existing literature and by following current work in other countries.

The STES Library was established in FY 1979 with the objective of assembling and disseminating information about thermal energy storage. The STES Library is intended to support the staff and

subcontractors of the STES Program, as well as other researchers in the field of energy storage.

The STES Library now contains over 1700 references. Although the library contains articles pertaining to many types of seasonal thermal energy storage, the main emphasis is on the storage of energy in aquifers. The library contains a wide range of key references on topics related to thermal energy storage, including the following:

- STES-related mathematical and computer models
- STES-related demonstrations and experiments
- non-aquifer storage methods
- economic feasibility
- environmental and legal considerations
- aquifer characterization methods
- energy and mass transport in aquifers
- thermal fatigue of aquifer and well materials
- aquifer plugging problems
- well construction and maintenance
- well-field design and operating criteria
- corrosion, scaling, and encrustation
- reinjection
- wellbore and piping heat losses
- heat transfer equipment
- energy sources
- industrial applications and district heating.

Since August 1980, Midwest Research Institute (MRI) has been assisting PNL with maintenance and development of the STES Library. Under a subcontract with PNL, MRI has the responsibility of operating and expanding the library. The library must continue to grow in order to keep pace with the Program as it progresses. New references are continually being identified and procured for the library.

Bibliographic information from the STES Library has been entered into the STES Technology Information System (STES-TIS), which is being developed with assistance from Lawrence Livermore Laboratory. The STES-TIS is a comprehensive, computer-based information system which provides the capability to store and manipulate various types of data files, including the bibliographic data file. Each library article is represented by a citation in the bibliographic data file. This data file can be easily updated to include citations for new articles by using an automated, on-line procedure.

The STES-TIS provides the capability to conduct customized, on-line searches of the bibliography. A user may conduct a search on any field of the citation, including author, title, publisher, publication date, keywords, etc. The citations identified as the result of a search can be printed out in a variety of formats. The bibliographic listings contained in this report were obtained by printing out the contents of the bibliographic data file.

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Christenson, J.A.	1144					
Christian, J.E.	1720					
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Chubb, T.A.	991	9999dc	1544u			
Chung, B.T.F.	1826					
Churchill, D.J.	603					
Cigni, U.	1375	1376				
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Claar, T.D.	1845	1544s				
Claesson, J.	1184	1584	1619	1620	1622	1649
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Clark, A.F.	87	270	1072			
Clark, E.C.	1193h	1544ap				
Clark, G.	1835	1360a	1360b			
Clark, J.B.	668					
Clark, J.P.	1129					
Clark, W.W.	67					
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Cliff, W.C.	267					
Cliffe, J.B.	1682					
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Close, D.J.	1073	1074	1075	1076		
Cluff, C.B.	1785ap					
Coats, K.H.	669					
Cochrane, R.L.	1544m	1482ao				
Coffay, B.	1046					
Cohen, G.	992					
Cole, H.	1908					
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Collins, R.E.	74	75	151	1198	1697	1383p
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Cook, T.D.	819					
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Cooley, C.H.	1582m	1582n				
Cooley, R.L.	269	597				
Cooper, H.H.	77					
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Cooper, V.R.	9999a					
Copeland, R.J.	1446	1486	1543	1544q		
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Cortell, B.	79					
Corwin, R.F.	1177k					
Cosner, S.R.	80					
Costello, V.A.	1193i					
Cottingham, J.G.	1721					
Couch, R.W.	884					
Coulbois, P.	81					
Coutant, C.C.	577	1229				
Cowen, D.S.	1883					
Cox, D.	893					
Cox, D.K.	1229					
Cox, J.E.	671					
Cox, R.J.	100					
Cox, W.E.	614	773				
Craig, R.A.	553					
Crampton, H.	1476					
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Crosby, G.W.	313					
Crow, N.B.	1309					
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Cruz, I.P.	510					
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Cuellar, G.	83	105	433			
Culver, G.G.	84	85	326	327	604	807
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Curry, D.M.	671					
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Daly, C.J.	1755					
Daniels, D.G.	1078					
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Danielson, H.H.	894					
Darby, D.A.	972	973				
Davey, J.V.	1177t					
Davidson, E.	673					
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Davis, A.H.	230					
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Davis, E.G.	672					
Davis, G.H.	273	416	418			
Davis, H.A.	1022					
Davis, K.E.	74	75	151	1681	1697	1702
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Davis, S.N.	1658	1691	1701			
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Day, J.A.	87	270	1072			
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DeCagna, A.	1011					
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Hall, W.K.	471					
Hallanger, E.C.	976					
Ham, W.C.	96					
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Hammond, R.P.	630					
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Hansen, V.E.	157					
Hanson, J.M.	610	1170	1256			
Hanson, M.E.	696					
Hantush, M.S.	158	159	160	161	162	281
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Harrill, J.R.	1175						
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Hartford, J.C.	888						
Hasbrouck, R.T.	1500						
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Heintz, R.C.	822	823	824	825			
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Jones, T.E.	370	371	512	513		
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Muchnik, G.F.	713					
Mueller, R.O.	241	561	791	792	805	806
	1680					
Mueller, T.D.	725					
Mueller, T.S.	430					
Muffler, L.J.P.	560					
Mulac, A.J.	836					
Mulligan, J.C.	639					
Mullins, J.C.	1360m	1383an				
Mumma, S.A.	1836					
Mungan, N.	376	717				
Murphy, H.D.	377					
Murphy, L.M.	1328					
Mustillo, N.	1789					
Mutti, D.H.	837					
Muzzio, A.	1404					
Muzzy, J.D.	1035					
Myers, B.M.	1338					
Myers, J.	1889					
Mylander, H.A.	378					
NASA Lewis Research Center	1490	1516				
NASA Lewis Research Center, Thermal Storage Project Office	1506					
Naff, R.L.	1587					
Nakagawa, H.	707					
Nakajima, Y.	1098					
Nakayama, W.	1418					
Nanda, P.	1903					
Naney, J.W.	379					
Narasimhan, T.	382					
Narasimhan, T.N.	321	380	381	383	384	385
	386	387	559	1665	1177w	1177z
	1177ab	1177am	1177ao			
National Association of Corrosion Engineers and American Petroleum Institute	634					
National Association of Corrosion Engineers, Technical Practices Committee	486	487	488			
National Association of Corrosion Engineers, Technical Unit Committee	489					
National Consumer Research Institute	1159					

National Research Council, U.S. National Committee for Rock Mechanics	398				
National Swedish Board for Technical Development	1276				
National Water Well Association	558	784	892	903	1570
Nature	275				
Nayfeh, A.H.	1263				
Nazli, M.	541	543			
Neal, J.W.	1146				
Neil, J.M.	1177as				
Nekoksa, G.	156				
Nellor, M.H.	1655				
Nelson, C.G.	926				
Nelson, S.H.	791				
Nemecek, J.J.	1544u				
Neri, G.	443				
Nestle, A.C.	215				
Netherton, R.	1499	1500	1537		
Neuman, S.P.	387	876			
Neurath, R.	1537				
Neustadter, E.L.	278				
Newcomb, R.C.	1296				
Newman, M.E.	388				
Ng, F.W.	402				
Nguyen, C.V.	1751				
Nicholls, R.L.	555	726			
Nicholson, E.W.	1099				
Nielsen, C.E.	1100				
Niemi, W.L.	1496				
Nieskens, H.G.	239				
Niessen, H.D.	1023				
Niles, P.W.	1069				
Nir, A.	155				
Nixon, J.M.	1084				
Noble, J.E.	1177ai				
Nolen, J.S.	727				
Noll, S.	1718				
Noran, D.	838	839	840	927	
Norris, R.A.	609				
Norton, D.	1462				
Nougarede, F.	94	676	891		
Noyes, R.	841				
Nuclear Research Centre	1743				
Nurmi, H.E.	1453o				
Nwude, J.K.	1147				
O'Brien, L.J.	842				
O'Dell, P.M.	1426				
O'Gorman, T.J.	1544ar				
O'Leary, J.	1094				
O'Neill, K.	144				
Oak Ridge National Laboratory	476	1236	1321	1518	
Oaksford, E.T.	1417				

Obbink, J.G.	390						
Ochs, T, ed	1795						
Oden, A.L.	914	915					
Offenhartz, P.O.	1036	1866	1544aq				
Ogata, A.	1199						
Ohtake, M.	1397						
Oil and Gas Journal	920	924	928	944			
Oliker, I.	393	1729	1454c	1544a1			
Olszewski, M.	394	843	1229				
Onodera, T.	1337						
Ontario, Ministry of Education	1568						
Oplinger, J.	1664						
Oppliger, G.	1177e						
Orange, A.S.	52						
Oregon Institute of Technology	1344						
Oregon Institute of Technology, Geo-heat Utilization Center	629						
Oster, C.A.	395	728					
Osteryoung, R.A.	1544ac						
Ostrach, S.	288						
Ottis, L.E., Jr.	1298						
Otto, C.	905	1476	1537				
Otto, C.H., Jr.	959	1324					
Owen, J.M.	1315w						
Owen, L.B.	960	1475	1499	1500	1537	1582n	
Owens, W.W.	740						
Ozawa, T.	396						
Paaswell, R.E.	1689						
Pacific Northwest Laboratory, Battelle	1457	1514					
Paddison, F.C.	1480						
Paglia, L.	1314						
Palciauskas, V.V.	1699						
Palen, W.A.	1177w						
Palmour, H.	1544m	1482ao					
Pan, Y.C.	1141						
Pandey, G.N.	729						
Papadopoulos, I.S.	1200						
Papadopoulos, S.S.	399	956					
Parent, C.F.	816						
Parker, A.J., Jr.	1201						
Parker, S.A.	592						
Parr, A.D.	626	1032	1307	1312	1359	1604	
	1737	1383av					
Parsons, R.E.	1867	1868					
Partin, J.R.	1315t	9999eb					
Pasquifer, F.	400						
Patani, A.	1037						
Pate, R.A.	1038						
Patterson, H.L., Jr.	870						
Paul, J.K.	844						

Pawloski, G.	1414					
Paynter, W.T.	894					
Peart, R.M.	1303					
Peaudecerf, P.	694	1202				
Peiper, J.C.	1177ar					
Pelka, W.	1660					
Pemsler, J.P.	1866					
Pence, S.A.	1740					
Penrod, E.B.	401					
Perers, B.	957	1485				
Perkins, T.K.	402					
Perry, H.	929					
Perry, R.A.	1711					
Persons, J.L.	1364					
Peterman, D.	1228					
Peters, R.R.	403					
Peterson, F.L.	1267	1701				
Peterson, J.S.	404					
Peterson, S.H.	1533					
Petin, Y.M.	1423					
Petri, R.J.	1845	1544s				
Petroleum Engineer	194					
Pettibone, C.A.	993					
Pettitt, R.A.	405	406	407	408	409	1625
Pettyjohn, W.A.	410					
Peube, J.L.	1942					
Pezdirtz, G.E.	1600					
Pfannkuch, H.O.	849	1592				
Pferdehirt, W.	1632					
Phillips, R.C.	509					
Phillips, S.L.	411					
Phillips, W.F.	1038					
Phoenix, D.A.	1219					
Pierce, B.L.	1039					
Pierce, R.L.	1688					
Pietsch, A.	1834					
Piety, R.G.	1203					
Pimental, K.D.	1240					
Pincus, H.J.	458					
Pinder, G.F.	348	412	1452	1557	1659	1763
Pines, H.S.	147	419	1177s			
Pinkerton, D.	989					
Piper, A.M.	413					
Pirson, S.J.	457					
Pitt, W.A., Jr.	414					
Pittard, F.J.	1628					
Pitzer, K.S.	1177ar					
Planning Research Corporation	1880					
Plantikow, U.	1243					
Plummer, K.H.	415					
Podlaseck, S.E.	1872					
Poland, J.F.	416	417	418	497	591	730
	1204					
Polansky, G.F.	1482ee					

Poling, B.E.	1360r					
Pollack, J.A.	446					
Pollock, D.W.	1674					
Polzer, W.L.	1187					
Polzien, R.E.	1544ah					
Poole, D.R.	830					
Pope, G.A.	869					
Pope, W.L.	147	419	1177u			
Porter, R.W.	1319					
Potorti, J.E.	1417					
Potter, R.W.	731	1205				
Powell, J.D.	1329					
Powell, J.R.	1329					
Powell, W.R.	583	1040	1268	1760	1761	1762
Powers, L.W.	528					
Powers, M.L.	1416					
Prater, L.S.	1481	1769				
Prats, M.	845	1687				
Prenger, F.C.	1811					
President's Water Policy	1531					
Implementation, Task Force						
9						
Price, C.E.	1275					
Price, D.	441	1175	1206			
Price, M.	442					
Pridmore, D.	1177a					
Prill, R.C.	1189	1207	1417			
Projanski, C.S.	895					
Pruess, K.	440	443	1177ac			
Pryor, T.L.	1076					
Public Service Electric Gas	1227					
Co.						
Public Utilities Fortnightly	1666					
Public Works	197					
Pulick, M.A.	1850					
Purdy, I.L.	906					
Pusch, W.H.	802					
Puts, J.J.	9999ea					
Pye, D.S.	1493					
Pyle, D.E.	1783					
Quade, R.	1228					
Quade, R.N.	1041					
Qualheim, B.J.	1414					
Quan, D.	1133					
Quong, R.	960	1475	1498			
Qvale, E.B.	420	421				
RPC, Inc	1525	1526				
Raats, P.A.C.	733					
Rabbimov, R.T.	422	423	424			
Raber, E.	1537					
Rabi-Baliga, B.	762					
Rabl, A.	1100	1900				
Rachford, T.M.	415					
Radebold, R.D.	1847					

Radosevich, L.G.	1437					
Rae, J.	1415					
Raetz, J.E.	1846					
Ragland, H.C.	759					
Rahman, M.A.	425					
Raimondi, P.	846					
Rajagopalan, S.P.	298					
Raleigh, C.B.	1393	1396				
Ramakumar, R.	1042					
Ramanathan, V.	1383e					
Rambo, J.T.	1283	1284	1286			
Ramey, H.J.	738					
Ramey, H.J., Jr.	18	279	426	518	627	847
	867	930	1686			
Ramsey, H.J., Jr.	916	1085				
Randall, R.A.	1383l					
Randell, J.E.	931					
Ranney, M.W.	848					
Rao, S.K.	1101					
Rapoport, L.A.	669					
Rathmacher, A.	326					
Ratigan, J.L.	974					
Rausch, R.A.	1145					
Rawson, D.L.	630					
Ray, J.	1825					
Raymond, E.	1259					
Raymond, J.R.	1569	1897				
Raynor, D.G.	1441					
Read, W.R.	1102					
Recordon, E.	569					
Reddell, D.L.	102	234	1266	1654	1657	1752
	1753	9999ec	1383au			
Reed, D.B.	1752					
Reed, J.E.	1775					
Reed, M.G.	428					
Reed, R.D.	1043					
Reed, R.S.	1011					
Reeder, H.O.	1209	1494	1536			
Reedy, W.R.	987					
Reeves, M.J.	31	256				
Reffstrup, J.	1433	1434				
Reid, R.L.	1544n					
Reilly, R.W.	1445	1768	1582h	1582u		
Reimels, R.	1044					
Reisenauer, A.E.	450					
Reistad, G.M.	45	84	85	602	785	
Remmers, H.E.	1315y					
Republic Geothermal, Inc.	9999dr					
Riaz, M.	762	849	1547	1596	1809	
Rice, R.C.	1254					
Rice, R.E.	1383q					
Richards, W.D.	1045					
Richenderfer, J.L.	95					
Ridgeway, J.	895					

Ridgeway, S.L.	429	630		
Rie, H.	1177o			
Rima, D.R.	1338			
Rindt, B.A.	1291			
Ringle, J.C.	602			
Ritland, P.D.	1046			
Ritter, A.B.	1896			
Rivera R, J.	1177ag	9999r		
Riveros, C.	1177e			
Rizzuto, J.E.	1544d			
Roach, F.	1630			
Roache, P.J.	430			
Roback, J.sJ.	1754			
Robeck, G.G.	431			
Roberson, C.E.	1187			
Robert S. Kerr Environmental Research Laboratory and National Water Well Association	770			
Robertson, D.C.	932			
Robertson, J.C.	1130			
Robertson, S.J.	1151			
Robeson, K.A.	1075			
Robichaux, J.	432			
Robinson, P.C.	1415			
Rocket Research Company	1152	1290	1384	1675
Rodriquez-Amaya, C.	590			
Roefs, T.G.	49			
Rogan, J.E.	1133			
Rogers, F.C.	735			
Rogers, F.T.	190			
Rogers, P.Z.	1177ar			
Rohwer, C.	404			
Rohy, D.A.	1820			
Rojey, A.	992			
Roller, W.L.	1315f			
Rollo, J.R.	273			
Romagnoli, P.	433			
Roman, A.J.	1147			
Roman, K.	1564			
Romberger, J.S.	993			
Romero, J.C.	434			
Ronquille, J.D.	887			
Root, R.L.	1782			
Rose, K.S.	850			
Roseen, R.	589	1473	1485	
Rosenzweig, S.	1902			
Ross, P.N.	586			
Roszelle, W.O.	912			
Roth, C.	1771			
Rothbaum, H.P.	1001			
Rousseau, W.F.	1284	1285	1286	
Rouve, G.	1777			
Rowe, J.J.	372			

Rowny, P.E.	1383q			
Rozenfeld, L.M.	435			
Rubeck, M.	982			
Rubey, W.W.	1393			
Rubin, A.	1247			
Rubin, A.M.	1454c			
Rubin, H.	436	1771		
Rubinshtein, L.I.	437			
Rudd, N.	1582ad			
Ruffilli, C.	443			
Runberg, G.W.	528			
Rushton, K.R.	438	439	475	
Russell, D.G.	1261			
Russell, E.E.	229			
Ryan, T.G.	1143			
Ryley, D.J.	1748			
Ryon, R.W.	959			
Saari, R.	1048			
Saaski, E.W.	1062			
Sabey, J.	231			
Saffman, P.G.	444			
Sagar, B.	1598			
Saha, H.	1594			
Saitoh, T.	1747			
Sakhuja, R.	1049			
Sakurai, S.	631			
Sakuta, K.	1858			
Sala, D.L.	1294			
Saleem, Z.A.	587			
Saletta, V.A.	1453d			
Saliev, R.P.	445			
Salieva, R.B.	445			
Salk, M.S.	776			
Saltzman, B.	446			
Salvat, J.	92			
Salyer, I.O.	1413	1833	1360z	1544f 1383ag
Samuels, G.	1003			
Sanderson, E.W.	133			
Sandia Livermore Laboratory	108			
Sandia National Laboratories	1515			
Sandquist, G.M.	1593			
Santing, G.	736			
Santini, D.J.	1631	1643		
Santoleri, J.J.	1103			
Sanyal, S.K.	737	738		
Sapienza, G.R.	1288	1469		
Sapsford, C.M.	1249			
Sarkar, S.	1104			
Sarot, J.	588			
Sasman, R.T.	1495			
Sass, J.H.	563			
Sather, N.F.	739			
Saugy, B.	569			
Saulnier, B.	1105			

Sauty, J.P.	148	149	1202	1210	1656	
Savage, S.B.	1105					
Savage, W.F.	1146					
Sawata, S.	1858					
Saylor, W.	1068					
Scaringe, R.P.	1360ac					
Schaetzle, W.J.	851	852	853	854	855	856
	857	858	859	882	1308	1318
	1780	9999ed				
Schafer, D.C.	447					
Schatz, J.F.	1551					
Schechter, B.	1177f	1177i				
Schechter, R.S.	939					
Scheffler, W.A.	728					
Schelkopf, J.D.	1083					
Schertz, W.W.	1759					
Schiff, L.	448	1332				
Schiner, G.R.	1196					
Schipper, L.	1575					
Schmidt, E.W.	1106					
Schmidt, F.W.	1056					
Schmidt, G.	1068					
Schmidt, K.D.	449					
Schmisseur, W.E.	602	785				
Schmitt, R.C.	1482aa					
Schneider, F.N.	740					
Schneider, R.	244	732	963	1591		
Schneider, T.R.	261	1002				
Schnurr, N.M.	1315aa					
Schoell, G.	1472					
Schoenhals, R.J.	1383v	1544k				
Schrefler, B.	1708					
Schreiber, D.L.	450					
Schreiber, R.E.	1368					
Schreiner, F.	1084					
Schrock, V.E.	879					
Schroder, J.	585	1848				
Schroeder, R.	382	443				
Schroeder, R.C.	29	138	139	440	1177aa	1177ab
	1177ac					
Schubert, G.	474					
Schuler, T.	1825					
Schulte and Koerting Company	938					
Schulte, S.C.	195	1346				
Schumacher, M.M.	860					
Schwartz, S.H.	1824					
Schwarz, W.J.	1177ai	1177aj				
Schweitzer, S.	681					
Scientific Softwater Corporation	760					
Scott Periodicals Corp.	1409	1507				
Scott, O.L.	1383n					
Scott, R.W.	451					
Sebastian, S.	21	1758				

Seely, E.H.	379		
Segaser, C.S.	1301	1720	
Seegerstrom, S.	452		
Segesman, F.F.	1776		
Sepaskhah, A.R.	880		
Seppanen, M.S.	859	1308	1780
Serata, S.	631	741	
Serdakov, G.S.	435		
Serth, R.W.	1018	1122	
Sevcik, V.J.	1051		
Severson, A.M.	1107		
Sha, W.T.	1360q	1785bs	
Shade, D.J.	1053		
Shaffer, C.J.	55		
Shaffer, L.H.	742		
Shamsundar, N.	1193f		
Shankar, R.	287		
Shannon, L.	1616		
Shannon, L.J.	1482cw		
Shannon, R.J.	1405		
Shapira, H.G.	1715		
Shapiro, L.	1212		
Sharp, M.K.	933		
Shaw, D.	1482u		
Shaw, D.A.	997		
Shaw, D.R.	1205		
Shaw, H.	1011		
Shay, J.R.	785		
Sheahan, N.T.	453		
Sheely, C.Q.	861	1781	
Sheft, I.	1084	1877	1878
Sheinbaum, I.	1535		
Shelton, J.	1422		
Shepherd, J.M.	643		
Sherman, E.O.	1861		
Shew, D.C.	454		
Shih, T.S.	1052		
Shindala, A.	271		
Shippee, D.	934		
Shoepflin, F.	1498		
Short, T.H.	1315f		
Shuck, L.Z.	632		
Siegel, R.	743		
Sigmon, T.W.	1904	1544c	1383ae
Signhal, A.K.	584		
Signor, D.C.	56	1274	
Sillen, L.G.	1463		
Sillman, S.	1362	1521	
Silverman, H.P.	794		
Silvester, L.F.	1177q		
Silvestri, M.	1404		
Silvey, W.D.	1253	1612	
Simkin, T.L.	1177ai		
Simmons, D.E.	1544u		

Simon, A.D.	1335			
Simonpietri, F.	526			
Simpson, E.S.	49			
Simpson, J.P.	455			
Sinclair, A.R.	1628			
Sinclair, P.J.	269			
Singers, W.	500			
Singh, B.S.	744			
Singh, M.M.	745			
Singh, S.R.	1598			
Singh, V.	1824			
Sinnott, A.	1213			
Sitzer, S.	1295			
Skougstad, M.W.	9999df	9999dk		
Slama, O.	9999bx			
Slegel, D.L.	880			
Sliwinski, B.J.	1052			
Sloan, J.P.	142			
Sloat, B.	746			
Slusser, M.L.	687	1241		
Smerdon, E.T.	425			
Smith, A.J.	1606			
Smith, C.C.	1881			
Smith, C.G., Jr.	456	952		
Smith, C.R.	457			
Smith, G.A.	1107			
Smith, G.C.	458			
Smith, G.S.	459			
Smith, J.E.	460			
Smith, L.	1586			
Smith, R.D.	1482an			
Smith, R.P.	472	1215	1509	1685
Smith, R.S.	935			
Smith, W.F.	1125			
Sneddon, I.N.	461			
Snell, E.O.	905			
Sniegocki, R.T.	1385			
Snoeberger, D.F.	1503			
Snyder, R.E.	462	936	1133	
Solar Energy Research Institute	1487	1517	1785	
Solar Times	1663			
Solomon, A.D.	554	747	1544i	
Solomonov, S.D.	713			
Somerton, C.W.	1193k			
Somerton, W.H.	463	584	1408	1177aq
Sommerfeld, J.T.	1035			
Soo, S.L.	1785bs			
Sorey, M.L.	464			
Sotgia, G.	1404			
Sowell, E.F.	1360t			
Sower, F.B.	1371			
Spangberg, K.G.	957			
Spangler, M.B.	539			

Sparlin, D.D.	937					
Specken, G.A.	465					
Spencer, D.L.	1360u					
Spencer, J.F.	1739					
Spencer, R.S.	466					
Spencer, S.G.	1778	1578fq				
Sperry, R.E.	1053					
Spillette, A.G.	467					
Spofford, W.A.	468					
Spogen, L.R.	1897					
Spotila, J.R.	862					
Springer, T.H.	1482ap					
Spurrier, F.R.	1039					
Srinivasan, R.	1193f					
Stacy, J.D.	349					
Stacy, L.E.	1544ag					
Stalkup, F.I.	863					
Stallman, R.W.	469	897	1214			
Stamper, E.	1089					
Standley, W.R.	1544ar					
Stannard, D.I.	1438					
Stark, M.	470					
Staton, B.G.	1812	1814				
Stecher, P.G.	864					
Steele, B.L.	1054					
Stefan, H.	1751					
Stepler, R.	1108					
Stern, L.I.	1582c					
Stevenson, W.H.	1838					
Steves, H.B.	1416					
Stewart, D.	300					
Stewart, J.N., Jr.	230					
Stickford, G.H., Jr.	582					
Stiles, G.	1658					
Stiles, L.H.	818					
Stille, H.	328					
Stilwell, W.B.	471					
Stine, W.B.	1069					
Stocker, J.	526					
Stoker, R.C.	1455					
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