

ABBREVIATIONS

Organizations

ACEDIS	Italian Association of Manufacturers of Structural Restraint Devices
AFPS	French Association for Earthquake Engineering
ANL	Argonne National Laboratory
ASCE	American Society of Civil Engineers
ASME	American Society of Mechanical Engineers
BARC	Indian Bhabha Atomic Research Centre
CEA-DMT	French Nuclear Agency, Department of Mechanics and Technology
CEC	Commission of the European Community
CIAE	China Institute for Atomic Energy
CMEST	Center of Mechanical and Structural Engineering, Lisbon, Portugal
CNR	Italian National Research Council
CREA	Italian Center for Building and Environmental Rehabilitation, srl
CRIEPI	Central Research Institute of Electric Power Industry, Japan
DIS	Dynamic Isolation Systems, Inc., USA
D&W	Dyckerhoff & Widmann, AG, Germany
EdF	Electricité de France (French National Utility)
EERC	Earthquake Engineering Research Institute, Berkeley, USA
ENEA	Italian Agency for New Technology, Energy and Environment
ENEL	Italian National Utility, SpA
GLIS	Italian Working Group on Seismic Isolation
IWGFR	International Working Group on Fast Reactors
JRC	Joint Research Center of CEC, Ispra, Italy
LIN	Nuclear Engineering Laboratory, University of Bologna, Italy
MRPRA	Malaysian Rubber Producers' Research Association, UK
KAERI	Korea Atomic Energy Research Institute
SHW	Schwaebische Huetttenwerk GmbH, Germany
SIP	Italian National Telephone Company
TsNIISK	Central Research Institute of Building Structures, Russian Federation
UBC	University of California at Berkeley, USA
UNI	Italian Standard Authority
UNIDO	United Nations Industrial Development Organization

Reactor types

ALMR	advanced liquid metal reactor
BWR	boiling water reactor
FBR	fast breeder reactor
GCR	gas cooled reactor
LMR	liquid metal reactor
NPR	new production reactor
PHWR	pressurized heavy water reactor
PWR	pressurized water reactor

Antiseismic device types

ADAS	added damping and stiffness device
FPS	friction pendulum system
LDRB	low damping steel-laminated rubber bearing
HDRB	high damping steel-laminated rubber bearing
HMD	hybrid mass damper
LRB	lead plug steel laminated rubber bearing
LED	lead extrusion damper

Others

FPTF	polytetrafluorinethylene
LNG	liquefied natural gas
OBE	operational basis earthquake
PS	panel session
r.c.	reinforced concrete
R&D	research and development
SMiRT	structural mechanics in reactor technology
SSE	safe-shutdown earthquake
TS	technical session
z.p.a.	zero-period-acceleration
3D	three-directional; three-dimensional