LIST OF ABBREVIATIONS

BARC  Bhabha Atomic Research Centre
PHWR  Pressurized Heavy Water Reactor
PUREX Plutonium Uranium Reduction Extraction
CORAL Compact Reprocessing of Advance Fuels in Lead Shielded Cells
AISI  American Iron and Steel Institute
ASTM  American Society for Testing and Materials
EN    Electrochemical noise
LPR   Linear Polarization Resistance
SEM   Scanning electron microscopy
EDS   Energy dispersive X-ray spectroscopy
LRS   Laser Raman Spectroscopy
ZRA   Zero resistance Ammeter
EDP   Energy distribution plots
FFT   Fast Fourier Transform
PSD   Power Spectral Density
WE    Working electrode
RE    Reference Electrode
U     Uranium
Pu    Plutonium
Th    Thorium
HLW   High level liquid waste
HNO₃  Nitric acid
HCl   Hydrochloric acid
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<th>Abbreviation</th>
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<tbody>
<tr>
<td>HNS</td>
<td>High nitrogen steel</td>
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<tr>
<td>SS</td>
<td>Stainless Steel</td>
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<td>OCP</td>
<td>Open circuit potential</td>
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