


## Personal Profile (Lecturer)

**Lecture ID :** 1-1  
**Lecture Title :** Application of PSA in design and maintenance of ABWR

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<b>1. Name</b> (First/middle/Family)	<b>Masahiko / - / Fujii</b>	
<b>2. Current position/Affiliation</b>	Specialist / TOSHIBA Corporation Power Systems Company	
<b>3. Highest Education</b> (Name of Institution/ Major field of study/ Degree and Date received)	Kyoto University / Nuclear Engineering / Master of engineering in 1981	
<b>4. Work History</b> (Employer / Work period)	Toshiba Corporation / 1981-present	
<b>5. Professional Experience</b> (Major experience relevant to the "Lecture" and period)	<ul style="list-style-type: none"> <li>· Engaged in probabilistic safety assessment of various BWRs (1981-present)</li> <li>· Research and development on evaluation methodology for internal event level 1 PSA (1981-1990)</li> <li>· Performed internal event level 1 PSAs of Japanese BWRs (1985-1993)</li> <li>· Research and development on shutdown internal event PSA (1990-1998)</li> <li>· Research and development on fire event PSA (1997-2003)</li> <li>· Research and development on internal flooding PSA (1998-2000)</li> <li>· Engaged in seismic PSA of various BWRs (2000-present)</li> </ul> <p>Provided lectures at the IAEA Workshop:</p> <ul style="list-style-type: none"> <li>- Recent engineering assessment of NPPs in JAPAN (Moscow, 2001)</li> <li>- Evaluation on external events including earthquake and fire (Moscow, 2001)</li> <li>- Analyses of system failure for safety operation of NPP (Moscow, 2001)</li> <li>- Development of the safety management support system in shutdown period (Moscow, 2001)</li> <li>- Single Failure Analysis on Power Supply System: Regulatory Requirements on Electric Power System for Japanese NPPs and Application Examples (BWR plants) (St. Petersburg, 2002)</li> <li>- Regulatory Requirements on ECCS for Japanese NPPs and Single Failure Analysis Application Examples (BWR Plants) (St. Petersburg, 2002)</li> <li>- Considerations of CCF in Design of Japanese BWR Plants (St. Petersburg, 2002)</li> </ul>	