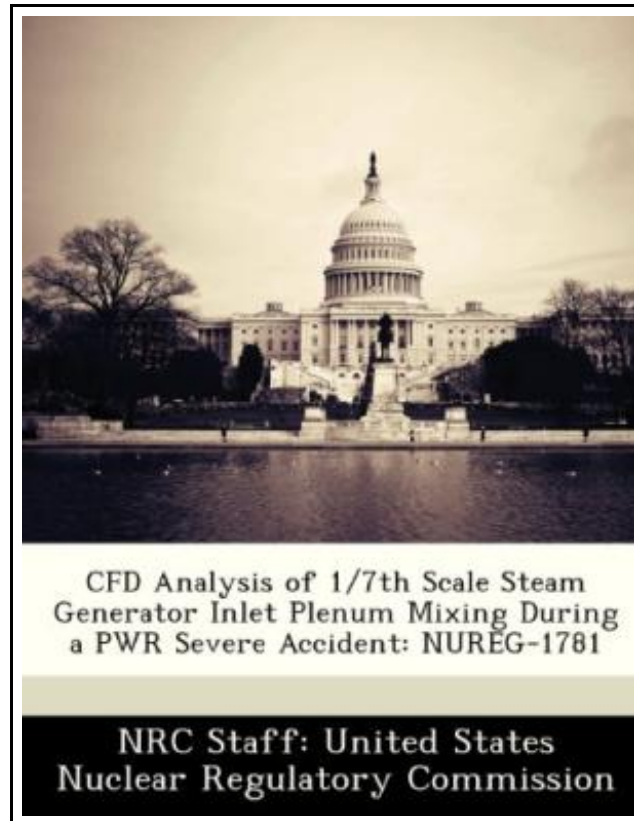


Cfd Analysis of 1/7th Scale Steam Generator Inlet Plenum Mixing During a Pwr Severe Accident: Nureg-1781



Filesize: 1.57 MB

Reviews

Merely no words to clarify. I could comprehend every little thing using this created e pdf. I am just effortlessly could possibly get a enjoyment of reading through a created publication.

(Mr. Ari Powlowski)

CFD ANALYSIS OF 1/7TH SCALE STEAM GENERATOR INLET PLENUM MIXING DURING A PWR SEVERE ACCIDENT: NUREG-1781



To read **Cfd Analysis of 1/7th Scale Steam Generator Inlet Plenum Mixing During a Pwr Severe Accident: Nureg-1781** PDF, remember to click the web link beneath and download the ebook or have accessibility to other information which are in conjunction with CFD ANALYSIS OF 1/7TH SCALE STEAM GENERATOR INLET PLENUM MIXING DURING A PWR SEVERE ACCIDENT: NUREG-1781 book.

Bibliogov, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Computational fluid dynamics (CFD) is used to predict steam generator inlet plenum mixing during a severe accident scenario in a pressurized water reactor. Comparisons are made to 1/7th scale data. Qualitatively, the code predicts the experimental flow patterns and mixing phenomena. Quantitatively, comparisons are made with key temperatures, mass flows, and mixing parameters. The best estimate prediction is generally within 5 of the reported values. Key temperature predictions are within a few degrees K of the test data. Boundary conditions applied to the model include the hot leg inlet mass flow and temperature as well as the tube secondary side temperature and heat transfer. The mass averaged temperature of the flow entering the tubes is predicted to within 1 degree of the experimental data. The mass flow through the tube bundle is predicted to within 0.5 of the data. The number of hot tubes is overpredicted by 7 tubes out of the 216 total. The mixing fraction and the recirculation ratio, both important mixing parameters, are predicted to within 5 of the data. These predictions provide confidence in the code and modeling approach. The secondary side heat transfer coefficient is determined to be the dominant governing parameter.



[Read Cfd Analysis of 1/7th Scale Steam Generator Inlet Plenum Mixing During a Pwr Severe Accident: Nureg-1781 Online](#)



[Download PDF Cfd Analysis of 1/7th Scale Steam Generator Inlet Plenum Mixing During a Pwr Severe Accident: Nureg-1781](#)

See Also



[PDF] Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee

Access the link under to download and read "Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee" PDF document.

[Download eBook »](#)



[PDF] Your Pregnancy for the Father to Be Everything You Need to Know about Pregnancy Childbirth and Getting Ready for Your New Baby by Judith Schuler and Glade B Curtis 2003 Paperback

Access the link under to download and read "Your Pregnancy for the Father to Be Everything You Need to Know about Pregnancy Childbirth and Getting Ready for Your New Baby by Judith Schuler and Glade B Curtis 2003 Paperback" PDF document.

[Download eBook »](#)



[PDF] Daddyteller: How to Be a Hero to Your Kids and Teach Them What s Really by Telling Them One Simple Story at a Time

Access the link under to download and read "Daddyteller: How to Be a Hero to Your Kids and Teach Them What s Really by Telling Them One Simple Story at a Time" PDF document.

[Download eBook »](#)



[PDF] Becoming Barenaked: Leaving a Six Figure Career, Selling All of Our Crap, Pulling the Kids Out of School, and Buying an RV We Hit the Road in Search Our Own American Dream. Redefining What It Meant to Be a Family in America.

Access the link under to download and read "Becoming Barenaked: Leaving a Six Figure Career, Selling All of Our Crap, Pulling the Kids Out of School, and Buying an RV We Hit the Road in Search Our Own American Dream. Redefining What It Meant to Be a Family in America." PDF document.

[Download eBook »](#)



[PDF] Self Esteem for Women: 10 Principles for Building Self Confidence and How to Be Happy in Life (Free Living, Happy Life, Overcoming Fear, Beauty Secrets, Self Concept)

Access the link under to download and read "Self Esteem for Women: 10 Principles for Building Self Confidence and How to Be Happy in Life (Free Living, Happy Life, Overcoming Fear, Beauty Secrets, Self Concept)" PDF document.

[Download eBook »](#)



[PDF] The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)

Access the link under to download and read "The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)" PDF document.

[Download eBook »](#)