

according to the elapsed time after reactor shutdown by using the inputs of the predicted LOCA break size and containment pressure [7].

3. Conclusion

The smart support system was developed for the purpose of decision-making support for NPP operators during a severe accident situation. The smart support system was developed to find out the transient scenarios by using short time-integrated signals after reactor trip. Therefore, it is expected that smart support system can be applied to identify and estimate the circumstances of the transient scenarios at NPPs and can be utilized effectively to support plant operators in critical situations. It is expected that the smart support system can contribute to improving the safety of the NPP by predicting the accident scenarios.

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5. References

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