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| **NPP Project**  **Minutes of meeting** | | | |
| **Type of meeting: □ Technical meeting on BD documentation □ Other…….** | | | |
| **Subject: Discussing the comments of FSS and AS document** | | | **Date of meeting: 22-24.08.2022** |
| **Code MoM:** | **Start time: 10:00** | **Finish time:**  **18:30** | **Location: VС** |
| **Meeting Head:** Mr. A.Rahnama, Mr. A.I.Skorobogatov | **Meeting secretary:** Mr. H. Kasiri | | **Attachment: □ YES □ NO**  **(Page/s)** |
| **No. of Ref. letters:**   * LTR-4300-0117960 * 007/BU2/02-01/03023 | | | **Date of Ref. letters:**   * 06.08.2022 * 18.08.2022 |

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| № | Discussed issues | Proposed by |
| 1 | Discussing the comments of document Lists of comments with principals review result+FS+ | **-** |
| 2 | Discussing the comments of document Lists of comments with principals review result+AS+ | **-** |

| **No.** | **Decisions made** | **Deadline** | **Responsible** |
| --- | --- | --- | --- |
| **1** | The FSS&AS shall be designed, implemented, trained and hand over to the Principal to cover the following as section 3.3.26:   * Video frames shall be applied and updated directly in the simulator in the same format as in the control system (ULCS, PLCS) by the Principal without the involvement of the Contractor in the NPP operation stage. * I&C models shall be applied and updated directly in the simulator in the same format as in the control system (TPTS) by the Principal without the involvement of the Contractor in the NPP operation stage. * Process models shall be applied and updated directly in the simulator using code generator by the Principal without the involvement of the Contractor in the NPP operation stage |  |  |
| **2** | In the end of section 3.12.5.6 add this sentence:  ”with considering activation of all control rods in the reactor core”. |  |  |
| **3** | In the end of section 3.8.8 add this sentence:  SPTA (totally equivalent to 10 % of the FSS&AS equipment) which preliminary list of SPTA and quantity of them shall be approved by the Principal in FSS&AS TAs. All of the equipment of above mentioned list shall be available in BNPP site before handing over of FSS&AS to the Principal. |  |  |
| **4** | In the end of section 4.3.4 one of the following sentence shall be added:  In running of scenarios on normal operation, DBA, BDBA and severe accident, the operator shall not feel any interruption. |  |  |
| **5** | The following sentence shall be added in section 2.3 as item 3 of subsection “basic design stage:  FSS&AS shall be designed based on a uniform set of modern computerized equipment and unified solutions. |  |  |
| **6** | Section 3.8.9 shall be changed as following:  The FSS service life shall be equal to MCR service life upon condition that component with expired service life are replaced and operation rules set out in the Operation documents are observed. |  |  |
| **7** | In the item 10 of “detail design stage” from section 2.3, the phrase shall be added:  “Train Principal’s specialists to obtain knowledge and skills by theoretical and practical training somehow to be capable for updating FSS&AS based on change of Unit independently, without involvement of the Contractor.” |  |  |
| 8 | Regarding to above mentioned items, the FSS ITR by coded “BU2.0120.00UYH.0.TM.EZ0001\_B04\_EN” and AS ITR by coded “BU2.0120.00UYH.0.TM.EZ0002\_B04\_EN” modified and approved by the parties as attachments. |  |  |

Attachments:

* FSS ITR: BU2.0120.00UYH.0.TM.EZ0001\_B04\_EN
* AS ITR: BU2.0120.00UYH.0.TM.EZ0002\_B04\_EN

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| Signed by: | | | |
| **Principal** | **Consultant** | **EDIS** | **Contractor** |
| Mr. A. Rahnama, NPPD | Mr. E. Deylami | Mr. M. Khodaveisi | Mr. V.A..Pereverzev |
| Mr. M. Hosseinmardi, NPPD | Mr. D. Hoseini | Mr. A. HosseiniGhaffar | Mr. V.A..Skorobogatov |
| Mr. A. Alipour, BNPP | Mrs. M. Badri |  | Mr. Y.N. Antonov |
| Mr. S. Mafakheri, NPPD | Mr. A. Karami |  | Mr. A.A Moscvin |
| Mr. M. Babaei, NPPD | Mr. H .Kasiri |  | Mr. V.D. Zdraykovsky |
|  | Mr. E. Sabourian |  | Mr. V.G. Biryulyev |