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|  | **WORLD ASSOCIATION OF** **NUCLEAR OPERATORS** **MOSCOW CENTRE****WANO – MC**25 FERGANSKAYA, MOSCOW, 109507, RUSSIAPhone: +7 495 376 15 87Fax: +7 495 376 08 97info@wanomc.ru |

**REQUEST**

**to provide technical and organizational information via WANO**

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| 1. NPP/Organization: SS “Rivne NPP” / SE “NNEGC “Energoatom”
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| 1. The topic of information request:

Replacement of R22 and R406 refrigerants with safer refrigerants used for air conditioners and refrigeration units.  |
| 1. The goal of information request:

Obtaining information on replacement of one type of refrigerants for air conditioners and refrigeration units with other type of refrigerants, and the possibility to use them at SS RNPP. |
| 1. Problem description:

Lack of R22 and R406 refrigerants on the Ukrainian market. |
| 1. Specific questions:
2. Did you replace one type of refrigerant with another? If yes, please indicate what type of refrigerant was it replaced with?
3. What brands of synthetic oil are used, and are they compatible with new refrigerants?
4. What sealing materials are used, and are they compatible with new refrigerants and synthetic oil?
5. Have the air conditioners and refrigeration units been modified (replacement of assemblies) when changing the type of refrigerant?
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| 1. Proposed organizations for sending this request:

WANO |
| 1. Department – request initiator:

Chief technologist’s group of the Maintenance enterprise |
| 1. Contact details of the requester:

Popov Oleksii Hryhorovych, tel.: +38 03636 64-1-33, PoAG@rnpp.atom.gov.ua |
| 1. Date of request:

January 26, 2022 |